

## Human NEDD4-Binding Protein 2 (N4BP2) ELISA Kit | N4BP2 elisa kit

Human NEDD4-Binding Protein 2 (N4BP2) ELISA Kit

CATALOG #  
**AAA331560**

REACTIVITY  
**Human**

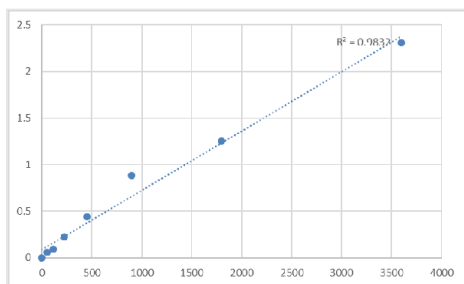
### PRODUCT SYNONYMS

NEDD4-Binding Protein 2 (N4BP2); Human NEDD4-Binding Protein 2 (N4BP2) ELISA Kit; N4BP2; B3BP; FLJ10680; KIAA1413; BCL-3 binding protein; Nedd4 binding protein 2; N4BP2 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
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| Reactivity              | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Specificity             | Human NEDD4-binding protein 2 (N4BP2) ELISA Kit has high sensitivity and excellent specificity for detection of Human N4BP2. No significant cross-reactivity or interference between Human N4BP2 and analogues was observed.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Sequence Length         | 1770                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Assay Type              | Sandwich ELISA (Quantitative)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Samples                 | Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Detection Method        | Colorimetric                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Usage Notes             | <ul style="list-style-type: none"> <li>* Do not mix components from different kit lots or use reagents beyond the kit expiration date.</li> <li>* Allow all reagents to warm to room temperature for at least 30 minutes before opening.</li> <li>* Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination.</li> <li>* Unused wells must be kept desiccated at 4 degree C in the sealed bag provided.</li> <li>* Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes.</li> <li>* It is recommended that all samples and standards be assayed in duplicate or triplicate.</li> </ul> |
| Preparation and Storage | Store at 2-8 degree C.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

### IMAGES



**Standard Curve (Sample)**

Fig.1. Human NEDD4-binding protein 2 (N4BP2) Standard Curve.

ADDITIONAL INFORMATION

|                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for N4BP2 elisa kit | <p>Description: This Human NEDD4-binding protein 2 (N4BP2) ELISA Kit employs a two-site sandwich ELISA to quantitate N4BP2 in samples. An antibody specific for N4BP2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any N4BP2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for N4BP2 is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of N4BP2 bound in the initial step. The color development is stopped and the intensity of the color is measured.</p> <p>Background: N4BP2 encodes NEDD4-binding protein 2 containing a polynucleotide kinase domain (PNK) near the N-terminal region, and a Small MutS Related (Smr) domain near the C-terminal region. NEDD4-binding protein 2 can bind to both B-cell leukemia/lymphoma 3 (BCL-3) and neural precursor cell expressed, developmentally downregulated 4, (Nedd4) proteins. This protein binds and hydrolyzes ATP, may function as a 5'-polynucleotide kinase, and has the capacity to be a ubiquitylation substrate. This protein may play a role in transcription-coupled DNA repair or genetic recombination. Alternative splicing results in multiple transcript variants encoding different isoforms.</p> |
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NCBI AND UNIPROT INFORMATION

|                                  |                                   |
|----------------------------------|-----------------------------------|
| NCBI GI #                        | 31742492                          |
| NCBI GeneID                      | 55728                             |
| NCBI Accession #                 | NP_060647.2                       |
| NCBI GenBank Nucleotide #        | NP_060647.2                       |
| UniProt Accession #              | Q86UW6                            |
| NCBI Official Full Name          | NEDD4-binding protein 2 isoform 1 |
| NCBI Official Synonym Full Names | NEDD4 binding protein 2           |
| NCBI Official Symbol             | N4BP2                             |
| NCBI Official Synonym Symbols    | B3BP                              |
| NCBI Protein Information         | NEDD4-binding protein 2           |
| UniProt Protein Name             | NEDD4-binding protein 2           |
| UniProt Gene Name                | N4BP2                             |
| UniProt Synonym Gene Names       | B3BP; KIAA1413; N4BP2             |
| UniProt Entry Name               | N4BP2_HUMAN                       |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/human-elisa-kits/nedd4-binding-protein-2-n4bp2/331560>