

Mouse WW Domain-Binding Protein 1 (WBP1) ELISA Kit | WBP1 elisa kit

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CATALOG #
AAA332032

REACTIVITY
Mouse

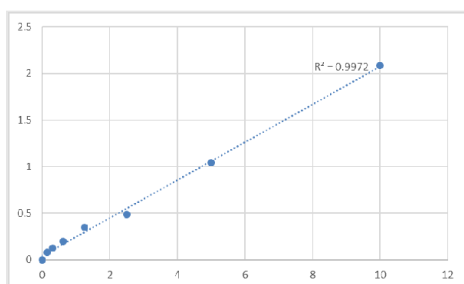
PRODUCT SYNONYMS

WW Domain-Binding Protein 1 (WBP1); Mouse WW Domain-Binding Protein 1 (WBP1) ELISA Kit; WBP1; MGC15305; WBP-1; WBP1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Mouse WW domain-binding protein 1 (WBP1) ELISA Kit has high sensitivity and excellent specificity for detection of Mouse WBP1. No significant cross-reactivity or interference between Mouse WBP1 and analogues was observed.
Sequence Length	269
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Mouse WW domain-binding protein 1 (WBP1) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for WBP1 elisa kit	Description: This Mouse WW domain-binding protein 1 (WBP1) ELISA Kit employs a two-site sandwich ELISA to quantitate WBP1 in samples. An antibody specific for WBP1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any WBP1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for WBP1 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 WBP1 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: WBP11 colocalizes with mRNA splicing factors and intermediate filament-containing perinuclear networks. This protein has 95% amino acid sequence identity to the mouse Wbp11 protein. It contains two proline-rich regions that bind to the WW domain of Npw38, a nuclear protein, and thus this protein is also called Npw38-binding protein NpwBP. The Npw38-NpwBP complex may function as a component of an mRNA factory in the nucleus. Npw38 and NpwBP are colocalized in the same subnuclear region. Coimmunoprecipitation experiments confirmed the association between Npw38 and NpwBP, which were expressed as epitope-tagged forms in COS7 cells. NpwBP is a physiological ligand of Npw38 and that the Npw38-NpwBP complex may function as a component of an mRNA factory in the nucleus.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	145046224
NCBI GeneID	22377
NCBI Accession #	NP_001077392.1
NCBI GenBank Nucleotide #	NP_001077392.1
UniProt Accession #	P97764
NCBI Official Full Name	WW domain-binding protein 1 isoform 3
NCBI Official Synonym Full Names	WW domain binding protein 1
NCBI Official Symbol	Wbp1
NCBI Official Synonym Symbols	AI255152
NCBI Protein Information	WW domain-binding protein 1
UniProt Protein Name	WW domain-binding protein 1
UniProt Gene Name	Wbp1
UniProt Synonym Gene Names	WBP-1

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/mouse-elisa-kits/ww-domain-binding-protein-1-wbp1/332032>