

## Rabbit NPAS4 Polyclonal Antibody | anti-NPAS4 antibody

NPAS4 antibody - middle region

| CATALOG # | HOST   | REACTIVITY                                                         | APPLICATIONS |
|-----------|--------|--------------------------------------------------------------------|--------------|
| AAA197399 | Rabbit | Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat, Sheep | Western Blot |

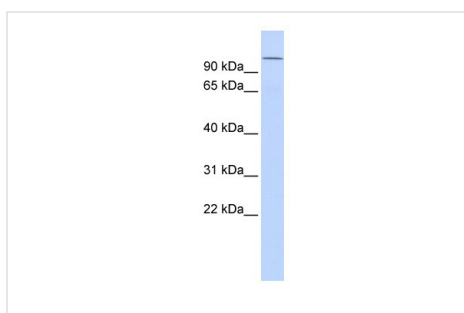
### PRODUCT SYNONYMS

NPAS4; Polyclonal Antibody; NPAS4 antibody - middle region; anti-NPAS4 antibody

### PRODUCT SPECIFICATIONS

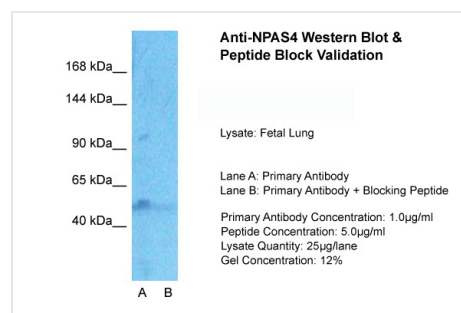
|                                                 |                                                                                                                                                       |
|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                                |
| Reactivity                                      | Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat, Sheep                                                                                    |
| Clonality                                       | Polyclonal                                                                                                                                            |
| Purity/Purification                             | Affinity Purified                                                                                                                                     |
| Form/Format                                     | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.                                                     |
| Sequence                                        | Synthetic peptide with the following region: QA HLDSPSQTFP EQLSPNPTKT YFAQEGCSFL YEKLPPSPSS PGNGDCTL                                                  |
| Sequence Length                                 | 802                                                                                                                                                   |
| Applicable Applications for anti-NPAS4 antibody | WB (Western Blot)                                                                                                                                     |
| Homology                                        | Cow: 86%; Dog: 100%; Guinea Pig: 93%; Horse: 86%; Human: 100%; Mouse: 100%; Pig: 100%; Rabbit: 100%; Rat: 100%; Sheep: 86%                            |
| Immunogen                                       | The immunogen is a synthetic peptide directed towards the middle region of human NPAS4                                                                |
| Preparation and Storage                         | For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles. |

### IMAGES



#### WB (Western Blot)

WB Suggested Anti-NPAS4 Antibody Titration: 0.2-1 ug/ml  
ELISA Titer: 1:312500  
Positive Control: Human Lung



#### WB (Western Blot)

Host: Rabbit  
Target Name: NPAS4  
Sample Type: Fetal Lung  
Lane A: Primary Antibody  
Lane B: Primary Antibody + Blocking Peptide  
Primary Antibody Concentration: 1ug/ml  
Peptide Concentration: 5.0ug/ml  
Lysate Quantity: 25ug/lane  
Gel Concentration: 12%

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-NPAS4 antibody | <p>This is a rabbit polyclonal antibody against NPAS4. It was validated on Western Blot using a cell lysate as a positive control.</p> <p>Target Description: NXF is a member of the basic helix-loop-helix-PER (MIM 602260)-ARNT (MIM 126110)-SIM (see SIM2; MIM 600892) (bHLH-PAS) class of transcriptional regulators, which are involved in a wide range of physiologic and developmental events.NXF is a member of the basic helix-loop-helix-PER (MIM 602260)-ARNT (MIM 126110)-SIM (see SIM2; MIM 600892) (bHLH-PAS) class of transcriptional regulators, which are involved in a wide range of physiologic and developmental events (Ooe et al., 2004 [PubMed 14701734]).[supplied by OMIM].</p> |
| Product Categories/Family for anti-NPAS4 antibody   | Polyclonal; Transcription Factor; Transcription Regulation; Developmental Biology; Transcription Factors                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

NCBI AND UNIPROT INFORMATION

|                                  |                                                    |
|----------------------------------|----------------------------------------------------|
| NCBI GI #                        | 194097477                                          |
| NCBI GeneID                      | 266743                                             |
| NCBI Accession #                 | NP_849195                                          |
| NCBI GenBank Nucleotide #        | NM_178864                                          |
| UniProt Accession #              | Q8IUM7                                             |
| Molecular Weight                 | 87kDa                                              |
| NCBI Official Full Name          | neuronal PAS domain-containing protein 4 isoform 1 |
| NCBI Official Synonym Full Names | neuronal PAS domain protein 4                      |
| NCBI Official Symbol             | NPAS4                                              |
| NCBI Official Synonym Symbols    | NXF; Le-PAS; PASD10; bHLHe79                       |
| NCBI Protein Information         | neuronal PAS domain-containing protein 4           |
| UniProt Protein Name             | Neuronal PAS domain-containing protein 4           |
| UniProt Gene Name                | <b>NPAS4</b>                                       |
| UniProt Synonym Gene Names       | BHLHE79; NXF; PASD10; Neuronal PAS4; bHLHe79       |
| UniProt Entry Name               | NPAS4_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/polyclonal/npas4-antibody-western-blot-elisa/197399>