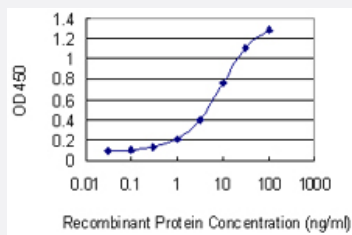


# NPAS4 monoclonal antibody (M09), clone 4E4

Catalog # H00266743-M09

Size 100 ug

## Applications



### Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged NPAS4 is 0.3 ng/ml as a capture antibody.



Western Blot detection against Immunogen (36.63 KDa) .

## Specification

|                            |                                                                                                                      |
|----------------------------|----------------------------------------------------------------------------------------------------------------------|
| <b>Product Description</b> | Mouse monoclonal antibody raised against a partial recombinant NPAS4.                                                |
| <b>Immunogen</b>           | NPAS4 (NP_849195.1, 704 a.a. ~ 802 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. |
| <b>Sequence</b>            | FLEETPVEDIFMDLSTPDPSEEWGSGDPEAEGPGGAPSPCNNLSPEDHSFLEDLATYETAFETG<br>VSAFPYDGFTELHQLQSQVQDSFHEDGSGGEPTF               |
| <b>Host</b>                | Mouse                                                                                                                |
| <b>Reactivity</b>          | Human                                                                                                                |
| <b>Isotype</b>             | IgG2a Kappa                                                                                                          |

|                         |                                                                                                          |
|-------------------------|----------------------------------------------------------------------------------------------------------|
| Quality Control Testing | Antibody Reactive Against Recombinant Protein.<br>Western Blot detection against Immunogen (36.63 KDa) . |
| Storage Buffer          | In 1x PBS, pH 7.4                                                                                        |
| Storage Instruction     | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.                                 |

## Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged NPAS4 is 0.3 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

## Gene Info — NPAS4

|                     |                                                                                                                                                                                                                                                                                                |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Entrez GeneID       | <a href="#">266743</a>                                                                                                                                                                                                                                                                         |
| GeneBank Accession# | <a href="#">NM_178864</a>                                                                                                                                                                                                                                                                      |
| Protein Accession#  | <a href="#">NP_849195.1</a>                                                                                                                                                                                                                                                                    |
| Gene Name           | NPAS4                                                                                                                                                                                                                                                                                          |
| Gene Alias          | Le-PAS, NXF, PASD10, bHLHe79                                                                                                                                                                                                                                                                   |
| Gene Description    | neuronal PAS domain protein 4                                                                                                                                                                                                                                                                  |
| Omim ID             | <a href="#">608554</a>                                                                                                                                                                                                                                                                         |
| Gene Ontology       | <a href="#">Hyperlink</a>                                                                                                                                                                                                                                                                      |
| Gene Summary        | 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] |
| Other Designations  | HLH-PAS transcription factor NXF                                                                                                                                                                                                                                                               |