

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

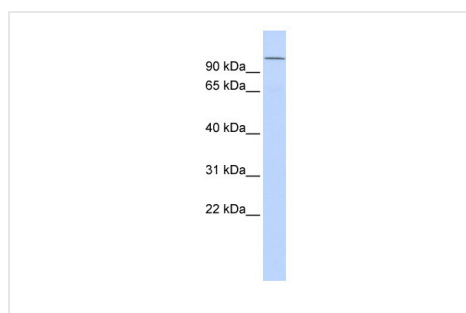
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

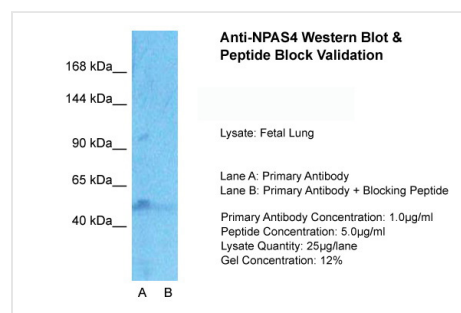
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat, Sheep
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following sequence: 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	This is a rabbit polyclonal antibody against NPAS4. It was validated on Western Blot using a cell lysate as a positive control. 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].
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	NPAS4
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.