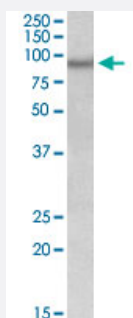


NPAS4 polyclonal antibody

Catalog # PAB18983 Size 100 ug

Applications



Western Blot (Tissue lysate)

NPAS4 polyclonal antibody (Cat # PAB18983, 0.3 ug/mL) staining of human frontal cortex lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of NPAS4.
Immunogen	A synthetic peptide corresponding to amino acids at internal region of human NPAS4.
Sequence	CRFNTSKSLRRQS
Host	Goat
Theoretical MW (kDa)	90
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Recommend Usage	ELISA (1:4000) Western Blot (0.3-1 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In 0.5 mg/mL in Tris saline, pH7.3 (0.5% BSA, 0.02% sodium azide)

Storage Instruction

Store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

NPAS4 polyclonal antibody (Cat # PAB18983, 0.3 ug/mL) staining of human frontal cortex lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — NPAS4

Entrez GeneID[266743](#)**Protein Accession#**[NP_849195.2](#)**Gene Name**

NPAS4

Gene Alias

Le-PAS, NXF, PASD10, bHLHe79

Gene Description

neuronal PAS domain protein 4

Omim ID[608554](#)**Gene Ontology**[Hyperlink](#)**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