Product Name: Neuronal PAS1 Rabbit Polyclonal Antibody
Catalog #: APRab14616

Summary

Production Name	Neuronal PAS1 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB
Reactivity	Human,Rat,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	NPAS1
Alternative Names	NPAS1; BHLHE11; MOP5; PASD5; Neuronal PAS domain-containing protein 1; Neuronal PAS1; Basic-helix-loop-helix-PAS protein MOP5; Class E basic helix-loop-helix protein 11; bHLHe11; Member of PAS protein 5; PAS domain-containing protein 5
Gene ID	4861.0
SwissProt ID	Q99742.The antiserum was produced against synthesized peptide derived from human NPAS1. AA range:445-494

Application

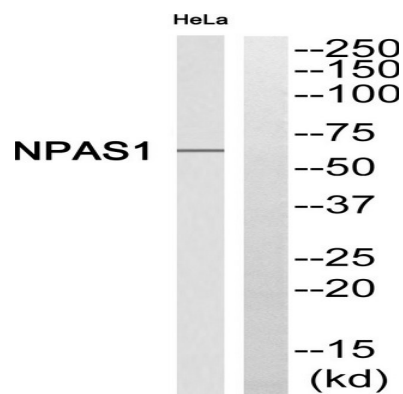|	
Dilution Ratio	WB 1：500-2000
Molecular Weight	62kD

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Background

The protein encoded by this gene is a member of the basic helix-loop-helix (bHLH)-PAS family of transcription factors. Studies of a related mouse gene suggest that it functions in neurons. The exact function of this gene is unclear, but it may play protective or modulatory roles during late embryogenesis and postnatal development. [provided by RefSeq, Jul 2008],function:May control regulatory pathways relevant to schizophrenia and to psychotic illness. May play a role in late central nervous system development by modulating EPO expression in response to cellular oxygen level.,similarity:Contains 1 basic helix-loop-helix (bHLH) domain.,similarity:Contains 1 PAC (PAS-associated C-terminal) domain.,similarity:Contains 2 PAS (PER-ARNT-SIM) domains.,subunit:Efficient DNA binding requires dimerization with another bHLH protein. Interacts with ARNT.,

Research Area

Image Data

Western blot analysis of NPAS1 Antibody. The lane on the right is blocked with the NPAS1 peptide.

Note

For research use only.