10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

NPAS1 antibody - middle region

Rabbit Polyclonal Antibody
Catalog # AI10409

Product Information

Application	WB
Primary Accession	Q99742
Other Accession	NM_002517, NP_002508
Reactivity	Human
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	62702

Additional Information

Gene ID	4861
Alias Symbol	MOP5, PASD5, bHLHe11
Other Names	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, NPAS1, BHLHE11, MOP5, PASD5
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-NPAS1 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	NPAS1 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	NPAS1
Synonyms	BHLHE11, MOP5, PASD5
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 (By similarity). Forms a heterodimer that binds core DNA sequence 5'-TACGTG-3' within the hypoxia response element (HRE) leading to transcriptional repression on its target gene TH (By similarity).

Cellular Location Nucleus {ECO:0000255|PROSITE-ProRule:PRU00981}.

References

Hogenesch,J.B., (1997) J. Biol. Chem. 272 (13), 8581-8593 Reconstitution and Storage:For short term use, store at 2-8C up to 1 week. For long term storage, store at -20C in small aliquots to prevent freeze-thaw cycles.

Images



WB Suggested Anti-NPAS1 Antibody Titration: .2-1 ug/ml
ELISA Titer: 1:3125
Positive Control: Hela cell lysate

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.