10320 Camino Santa Fe, Suite G
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Tel: 858.875.1900 Fax: 858.875.1999

NPAS1 antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI10409

Specification

NPAS1 antibody - middle region - Product Information

Application	**WB**
Primary Accession	Q99742
Other Accession	NM_002517, NP_002508
Reactivity	**Human**
Predicted	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**63kDa KDa**

NPAS1 antibody - middle region - 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.

NPAS1 antibody - middle region - 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).

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

NPAS1 antibody - middle region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

