

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).

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 Cytometry](#)
- [Cell Culture](#)