

Npas1 antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI11074**Specification**

Npas1 antibody - middle region - Product Information

Application	WB
Primary Accession	P97459
Other Accession	NM_008718 , NP_032744
Reactivity	Mouse, Rat
Predicted	Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	64kDa KDa

Npas1 antibody - middle region - Additional Information**Gene ID** 18142**Alias Symbol** MOP5, bHLHe11**Other Names**

Neuronal PAS domain-containing protein 1, Neuronal PAS1, Npas1

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**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. 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 (PubMed:27782878).

Cellular Location

Nucleus.

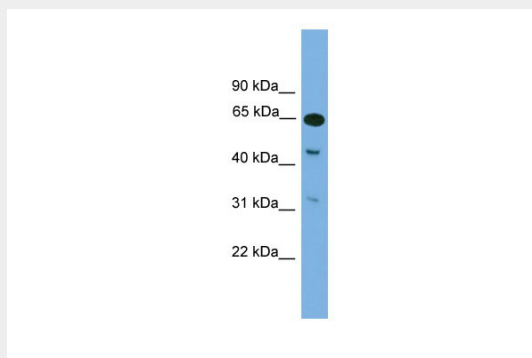
Tissue Location

Expressed in brain in inhibitory interneurons. Also found in spinal cord.

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](#)

Npas1 antibody - middle region - Images

WB Suggested Anti-Npas1 Antibody Titration: 0.2-1 μ g/ml

ELISA Titer: 1:312500

Positive Control: Mouse Brain