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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.

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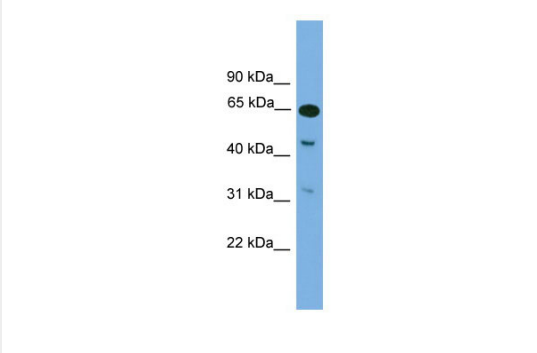
Tissue Location
Expressed in brain in inhibitory interneurons. Also found in spinal cord.

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 Cytomety
- Cell Culture

Npas1 antibody - middle region - Images



WB Suggested Anti-Npas1 Antibody Titration: 0.2-1 µg/ml
ELISA Titer: 1:312500
Positive Control: Mouse Brain