

Npas1 antibody - middle region

Rabbit Polyclonal Antibody

Catalog # AI11074

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	63737

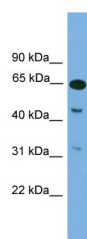
Additional Information

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.

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.

Images



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

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