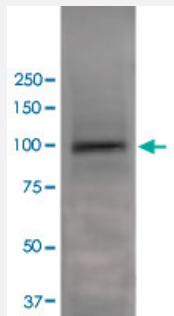


# Npas4 monoclonal antibody, clone S408-79

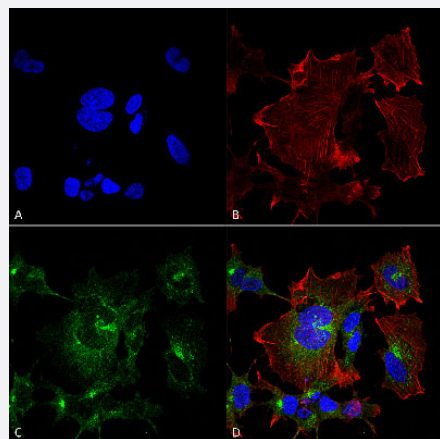
Catalog # MAB16470      Size 100 ug

## Applications



### Western Blot (Tissue lysate)

Western Blot analysis of rat brain with Npas4 monoclonal antibody, clone S408-79 (Cat # MAB16470).



### Immunocytochemistry

Immunocytochemical staining of SK-N-BE with Npas4 monoclonal antibody, clone S408-79 (Cat # MAB16470). (A) DAPI (blue) nuclear stain, (B) Phalloidin Texas Red F-Actin stain, (C) Npas4 Antibody and (D) Composite.

## Specification

<b>Product Description</b>	Mouse monoclonal antibody raised against partial recombinant rat Npas4.
<b>Immunogen</b>	Recombinant protein corresponding to amino acids 597-802 at C-terminus of rat Npas4.
<b>Host</b>	Mouse
<b>Reactivity</b>	Rat
<b>Form</b>	Liquid

Purification	Protein G purification
Isotype	IgG1
Recommend Usage	Immunocytochemistry (1:100) Immunofluorescence (1:100) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) Western Blot (1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (50% glycerol, 0.09% sodium azide).
Storage Instruction	Store at -20°C.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Western Blot (Tissue lysate)

Western Blot analysis of rat brain with Npas4 monoclonal antibody, clone S408-79 (Cat # MAB16470).

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

- Immunocytochemistry

Immunocytochemical staining of SK-N-BE with Npas4 monoclonal antibody, clone S408-79 (Cat # MAB16470). (A) DAPI (blue) nuclear stain, (B) Phalloidin Texas Red F-Actin stain, (C) Npas4 Antibody and (D) Composite.

- Immunofluorescence

## Gene Info — Npas4

Entrez GeneID	<a href="#">266734</a>
Protein Accession#	<a href="#">Q8CJH6</a>
Gene Name	Npas4
Gene Alias	Nxf
Gene Description	neuronal PAS domain protein 4
Gene Ontology	<a href="#">Hyperlink</a>

**Other Designations**

bHLH PAS type transcription factor NXF|bHLH-PAS type transcription factor NXF

**Publication Reference**

- [Decreased expression of neuronal Per-Arnt-Sim domain protein 4 gene in the hippocampus of a post-stroke depression rat model.](#)

Zhang Z, Fei P, Mu J, Wang H, Li W, Song J.

Experimental and Therapeutic Medicine 2014 Apr; 7(4):1045.

- [Npas4: a neuronal transcription factor with a key role in social and cognitive functions relevant to developmental disorders.](#)

Coutellier L, Beraki S, Ardestani PM, Saw NL, Shamloo M.

PLoS One 2012 Sep; 7(9):e46604.