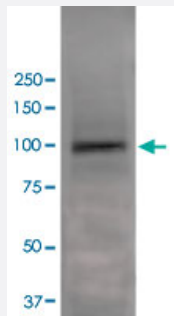


Npas4 monoclonal antibody, clone S408-79 (Biotin)

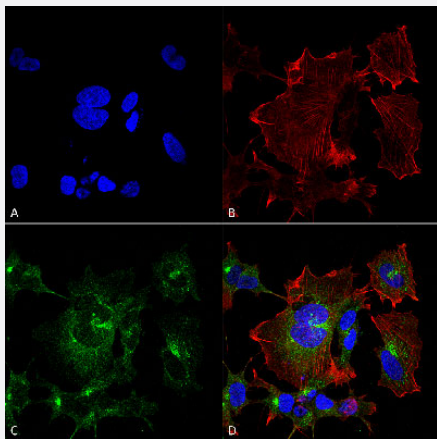
Catalog # MAB16471 Size 100 ug

Applications



Western Blot (Tissue lysate)

Western Blot analysis of rat brain with Npas4 monoclonal antibody, clone S408-79 (Biotin) (Cat # MAB16471).



Immunocytochemistry

Immunocytochemical staining of SK-N-BE with Npas4 monoclonal antibody, clone S408-79 (Biotin) (Cat # MAB16471). (A) DAPI (blue) nuclear stain, (B) Phalloidin Texas Red F-Actin stain, (C) Npas4 Antibody and (D) Composite.

Specification

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

Conjugation	Biotin
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 (Biotin) (Cat # MAB16471).

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

- Immunocytochemistry

Immunocytochemical staining of SK-N-BE with Npas4 monoclonal antibody, clone S408-79 (Biotin) (Cat # MAB16471). (A) DAPI (blue) nuclear stain, (B) Phalloidin Texas Red F-Actin stain, (C) Npas4 Antibody and (D) Composite.

- Immunofluorescence

Gene Info — Npas4

Entrez GeneID	266734
Protein Accession#	Q8CJH6
Gene Name	Npas4
Gene Alias	Nxf
Gene Description	neuronal PAS domain protein 4

Gene Ontology

[Hyperlink](#)

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.