

Datasheet

Npas4 monoclonal antibody, clone S408-79 (FITC)

Catalog Number: MAB17368

Regulation Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against partial recombinant rat Npas4.

Clone Name: S408-79

Immunogen: Recombinant protein corresponding to amino acids 597-802 at C-terminus of rat Npas4.

Host: Mouse

Reactivity: Rat

Applications: ICC, IF, IHC-P, WB-Ti
(See our web site product page for detailed applications information)

Protocols: See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Form: Liquid

Conjugation: FITC

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.

Entrez GeneID: 266734

Gene Symbol: Npas4

Gene Alias: Nxf

References:

1. 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. *Exp Ther Med.* 2014 Apr;7(4):1045-1049. Epub 2014 Feb 12.
2. 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;7(9):e46604. doi: 10.1371/journal.pone.0046604. Epub 2012 Sep 28.