

NPAS2 Rabbit pAb

Catalog NO.: A16930 **6 Publications**

Basic Information

Observed MW

75kDa

Calculated MW

92kDa

Category

Polyclonal Antibodies

Applications

WB, IF/ICC, ELISA

Cross-Reactivity

Mouse, Rat

Background

The protein encoded by this gene is a member of the basic helix-loop-helix (bHLH)-PAS family of transcription factors. A similar mouse protein may play a regulatory role in the acquisition of specific types of memory. It also may function as a part of a molecular clock operative in the mammalian forebrain.

Recommended Dilutions

WB 1:500 - 1:2000

IF/ICC 1:50 - 1:100

ELISA

Recommended starting concentration is 1 µg/mL.
Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID	Swiss Prot
4862	Q99743

Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms

MOP4; PASD4; bHLHe9; NPAS2

Contact

Product Information

☒		order@abclonal.com
☒		service@abclonal.com
☒		www.abclonal.com

Source

Rabbit

Isotype

IgG

Purification

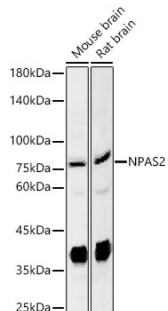
Affinity purification

Storage

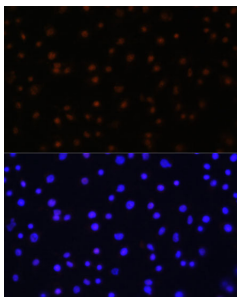
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.09% Sodium azide,50% glycerol,pH7.3.

Validation Data



Western blot analysis of various lysates using NPAS2 Rabbit pAb (A16930) at 1:400 dilution.
 Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
 Lysates / proteins: 25 µg per lane.
 Blocking buffer: 3 % nonfat dry milk in TBST.
 Detection: ECL Basic Kit (RM00020).
 Exposure time: 180s.



Immunofluorescence analysis of C6 cells using NPAS2
 Rabbit pAb (A16930) at dilution of 1:100 (40x lens).
 Secondary antibody: Cy3-conjugated Goat anti-Rabbit
 IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear
 staining.

