

PTPN5 Rabbit pAb

Catalog No.: A16585

Basic Information

Observed MW

46kDa/61kDa

Calculated MW

64kDa

Category

Primary antibody

Applications

ELISA, WB, IF/ICC

Cross-Reactivity

Human, Mouse, Rat

Background

Enables phosphotyrosine residue binding activity. Predicted to be involved in peptidyl-tyrosine dephosphorylation. Predicted to act upstream of or within protein dephosphorylation. Predicted to be located in nucleoplasm. Predicted to be integral component of membrane. Biomarker of Alzheimer's disease.

Recommended Dilutions

WB	1:500 - 1:1000
IF/ICC	1:50 - 1:200

Immunogen Information

Gene ID

84867

Swiss Prot

P54829

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 190-307 of human PTPN5 (NP_116170.3).

Synonyms

STEP; STEP61; PTPSTEP; PTPN5

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

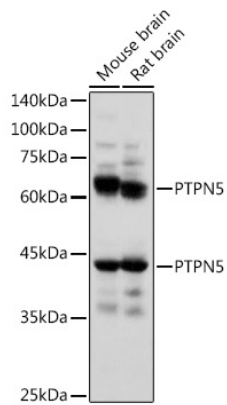
Affinity purification

Storage

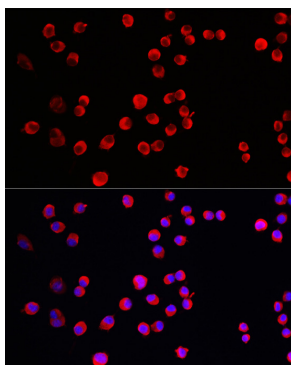
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300, 50% glycerol, pH7.3.

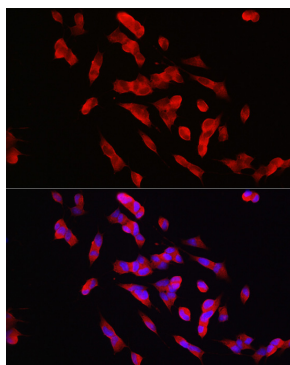
Validation Data



Western blot analysis of extracts of various cell lines, using PTPN5 antibody (A16585) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 1s.



Immunofluorescence analysis of Neuro-2a cells using PTPN5 Rabbit pAb (A16585) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of SH-SY5Y cells using PTPN5 Rabbit pAb (A16585) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.