

PTPN23 Rabbit pAb

Catalog No.: A4595

Basic Information

Observed MW

179kDa

Calculated MW

179kDa

Category

Primary antibody

Applications

ELISA, WB, IHC-P

Cross-Reactivity

Mouse, Rat

Background

This gene encodes a member of the non-receptor type protein-tyrosine phosphatase family. The encoded protein may be involved in the regulation of small nuclear ribonucleo protein assembly and pre-mRNA splicing by modifying the survival motor neuron (SMN) complex. The encoded protein additionally plays a role in ciliogenesis and is part of endosomal sorting complex required for transport (ESCRT) pathways. This gene may serve a tumor suppressor function.

Recommended Dilutions

| | |
|-------|----------------|
| WB | 1:500 - 1:2000 |
| IHC-P | 1:50 - 1:200 |

Immunogen Information

| | |
|---------|------------|
| Gene ID | Swiss Prot |
| 25930 | Q9H357 |

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1230-1450 of human PTPN23 (NP_056281.1).

Synonyms

HDPTP; HD-PTP; NEDBASS; PTP-TD14; PTPN23

Contact

 | www.abclonal.com

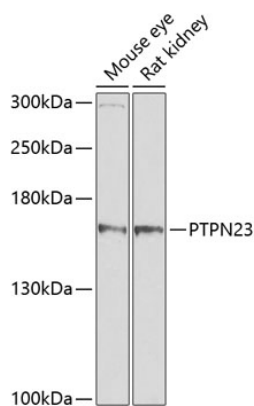
Product Information

| | | |
|--------|---------|-----------------------|
| Source | Isotype | Purification |
| Rabbit | IgG | Affinity purification |

Storage

Store at -20°C. Avoid freeze / thaw cycles.
Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of extracts of various cell lines, using PTPN23 antibody (A4595) at 1:1000 dilution.

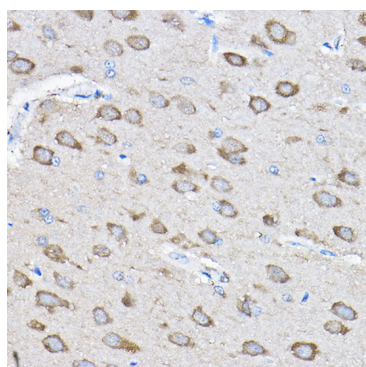
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (A5014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

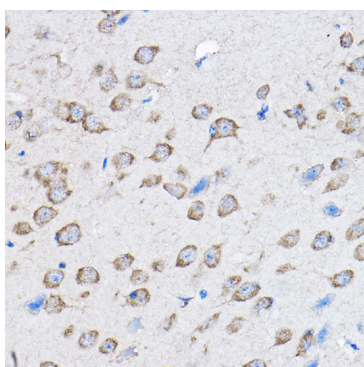
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 5s.



Immunohistochemistry analysis of paraffin-embedded rat brain using PTPN23 Rabbit pAb (A4595) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Immunohistochemistry analysis of paraffin-embedded mouse brain using PTPN23 Rabbit pAb (A4595) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.