

PTPN6 / SHP1 Antibody (Internal)
Goat Polyclonal Antibody
Catalog # ALS14999**Specification**

PTPN6 / SHP1 Antibody (Internal) - Product Information

Application	WB
Primary Accession	P29350
Reactivity	Human, Mouse, Rat, Hamster
Host	Goat
Clonality	Polyclonal
Calculated MW	68kDa KDa

PTPN6 / SHP1 Antibody (Internal) - Additional Information**Gene ID** 5777**Other Names**

Tyrosine-protein phosphatase non-receptor type 6, 3.1.3.48, Hematopoietic cell protein-tyrosine phosphatase, Protein-tyrosine phosphatase 1C, PTP-1C, Protein-tyrosine phosphatase SHP-1, SH-PTP1, PTPN6, HCP, PTP1C

Target/Specificity

Mouse PTPN6. This antibody is expected to recognise both reported isoforms (NP_536858.1 and NP_002822.2).

Reconstitution & Storage

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles.

Precautions

PTPN6 / SHP1 Antibody (Internal) is for research use only and not for use in diagnostic or therapeutic procedures.

PTPN6 / SHP1 Antibody (Internal) - Protein Information**Name** PTPN6**Synonyms** HCP, PTP1C**Function**

Modulates signaling by tyrosine phosphorylated cell surface receptors such as KIT and the EGF receptor/EGFR. The SH2 regions may interact with other cellular components to modulate its own phosphatase activity against interacting substrates. Together with MTUS1, induces UBE2V2 expression upon angiotensin II stimulation. Plays a key role in hematopoiesis.

Cellular Location

Cytoplasm. Nucleus. Note=In neurons, translocates into the nucleus after treatment with angiotensin II (By similarity) Shuttles between the cytoplasm and nucleus via its association with

PDPK1.

Tissue Location

Isoform 1 is expressed in hematopoietic cells. Isoform 2 is expressed in non-hematopoietic cells

PTPN6 / SHP1 Antibody (Internal) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

PTPN6 / SHP1 Antibody (Internal) - Images



PTPN6 antibody (0.1 ug/ml) staining of Human Liver lysate (35 ug protein/ml in RIPA buffer).

PTPN6 / SHP1 Antibody (Internal) - Background

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PTPN6 / SHP1 Antibody (Internal) - References

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