

Anti-PTPN11 / SHP-2 / NS1 Antibody (aa321-370)
Rabbit Anti Human Polyclonal Antibody
Catalog # ALS18030**Specification**

Anti-PTPN11 / SHP-2 / NS1 Antibody (aa321-370) - Product Information

Application	WB, IHC-P, E
Primary Accession	Q06124
Predicted	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	68011

Anti-PTPN11 / SHP-2 / NS1 Antibody (aa321-370) - Additional Information**Gene ID** 5781**Alias Symbol** **PTPN11****Other Names**

PTPN11, Bptp-3, BPTP3, CFC, Csw, Corkscrew csw, Gene corkscrew, Phosphatase corkscrew, PTP-2C, SHP2, PTP-1D, PTP2C, SHP-2, SHPTP2, Noonan syndrome 1, SH-PTP2, SH-PTP3

Target/Specificity

SH-PTP2 Antibody detects endogenous levels of total SH-PTP2 protein.

Reconstitution & Storage

Immunoaffinity purified

Precautions

Anti-PTPN11 / SHP-2 / NS1 Antibody (aa321-370) is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-PTPN11 / SHP-2 / NS1 Antibody (aa321-370) - Protein Information**Name** PTPN11**Synonyms** PTP2C, SHPTP2**Function**

Acts downstream of various receptor and cytoplasmic protein tyrosine kinases to participate in the signal transduction from the cell surface to the nucleus (PubMed:10655584, PubMed:18559669, PubMed:18829466, PubMed:26742426, PubMed:28074573). Positively regulates MAPK signal transduction pathway (PubMed:10655584).

href="http://www.uniprot.org/citations/28074573" target="_blank">28074573). Dephosphorylates GAB1, ARHGAP35 and EGFR (PubMed:28074573). Dephosphorylates ROCK2 at 'Tyr-722' resulting in stimulation of its RhoA binding activity (PubMed:18559669). Dephosphorylates CDC73 (PubMed:26742426). Dephosphorylates SOX9 on tyrosine residues, leading to inactivate SOX9 and promote ossification (By similarity). Dephosphorylates tyrosine-phosphorylated NEDD9/CAS-L (PubMed:19275884).

Cellular Location

Cytoplasm. Nucleus

Tissue Location

Widely expressed, with highest levels in heart, brain, and skeletal muscle.

Anti-PTPN11 / SHP-2 / NS1 Antibody (aa321-370) - 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](#)

Anti-PTPN11 / SHP-2 / NS1 Antibody (aa321-370) - Images