

PTPN5 / STEP Antibody (N-Terminus)
Rabbit Polyclonal Antibody
Catalog # ALS16442**Specification**

PTPN5 / STEP Antibody (N-Terminus) - Product Information

Application	IF
Primary Accession	P54829
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	64kDa KDa

PTPN5 / STEP Antibody (N-Terminus) - Additional Information**Gene ID** 84867**Other Names**

Tyrosine-protein phosphatase non-receptor type 5, 3.1.3.48, Neural-specific protein-tyrosine phosphatase, Striatum-enriched protein-tyrosine phosphatase, STEP, PTPN5

Target/Specificity

PTPN5 antibody is human and mouse reactive.

Reconstitution & Storage

Long term: -20°C; Short term: +4°C. Avoid repeat freeze-thaw cycles.

Precautions

PTPN5 / STEP Antibody (N-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

PTPN5 / STEP Antibody (N-Terminus) - Protein Information**Name** PTPN5**Function**

May regulate the activity of several effector molecules involved in synaptic plasticity and neuronal cell survival, including MAPKs, Src family kinases and NMDA receptors.

Cellular Location

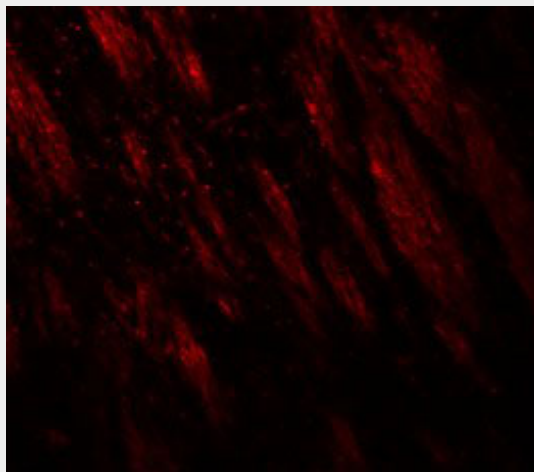
Endoplasmic reticulum membrane; Multi-pass membrane protein

PTPN5 / STEP Antibody (N-Terminus) - 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](#)

PTPN5 / STEP Antibody (N-Terminus) - Images



Immunofluorescence of PTPN5 in mouse brain tissue with PTPN5 antibody at 20 ug/ml.

PTPN5 / STEP Antibody (N-Terminus) - Background

May regulate the activity of several effector molecules involved in synaptic plasticity and neuronal cell survival, including MAPKs, Src family kinases and NMDA receptors.

PTPN5 / STEP Antibody (N-Terminus) - References

Ota T.,et al.Nat. Genet. 36:40-45(2004).
Bechtel S.,et al.BMC Genomics 8:399-399(2007).
Taylor T.D.,et al.Nature 440:497-500(2006).
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.
Li X.,et al.Genomics 28:442-449(1995).