

PTPN5 / STEP Antibody (clone T41)
Mouse Monoclonal Antibody
Catalog # ALS14841**Specification**

PTPN5 / STEP Antibody (clone T41) - Product Information

Application	WB, IHC
Primary Accession	P54829
Reactivity	Human, Mouse, Rat
Host	Mouse
Clonality	Monoclonal
Calculated MW	64kDa KDa

PTPN5 / STEP Antibody (clone T41) - 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

Reconstitution & Storage

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

Precautions

PTPN5 / STEP Antibody (clone T41) is for research use only and not for use in diagnostic or therapeutic procedures.

PTPN5 / STEP Antibody (clone T41) - 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

Volume

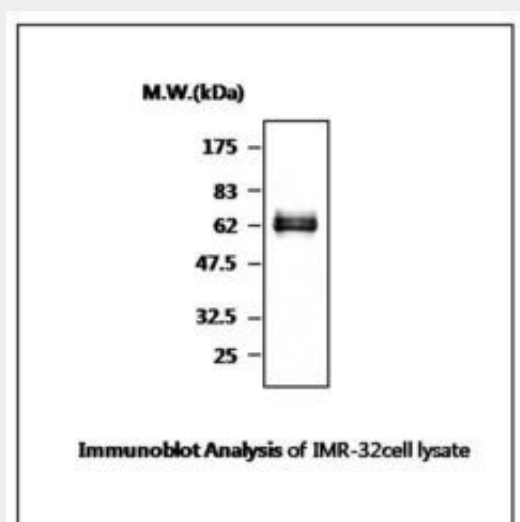
50 µl

PTPN5 / STEP Antibody (clone T41) - Protocols

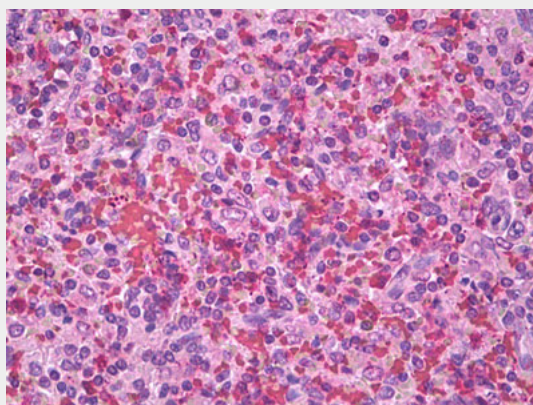
Provided below are standard protocols that you may find useful for product applications.

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

PTPN5 / STEP Antibody (clone T41) - Images



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Anti-PTPN5 / STEP antibody IHC of human spleen, red pulp.

PTPN5 / STEP Antibody (clone T41) - 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 (clone T41) - 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).