10320 Camino Santa Fe, Suite G
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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

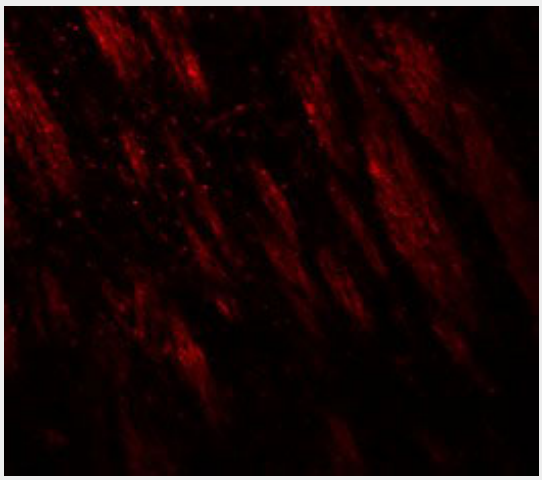
PTPN5 / STEP Antibody (N-Terminus) - Protocols

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

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- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- 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).
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Li X.,et al.Genomics 28:442-449(1995).