

Product datasheet for **TA309823**

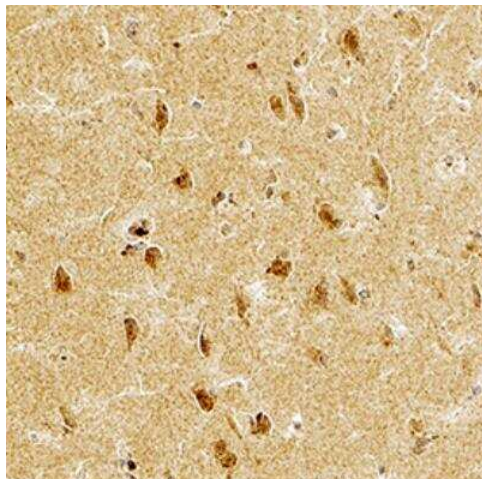
PTPN5 Mouse Monoclonal Antibody

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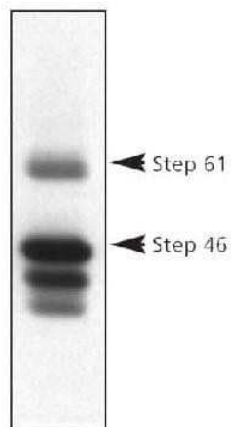
Product Type:	Primary Antibodies
Applications:	ICC/IF, IHC, IP, WB
Recommended Dilution:	Western Blot: 1:1000 -1:2000, Immunohistochemistry-Frozen: 1:100-1:500, Immunohistochemistry: 1:100-1:500, Immunocytochemistry/ Immunofluorescence: 1:100-1:500, Immunoprecipitation: 1:50, Immunohistochemistry-Paraffin
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Clonality:	Monoclonal
Immunogen:	A synthetic peptide of STEP46 (amino acids 57-74: MCTPGCNEEGFGYLVSPR)
Formulation:	0.09% Sodium Azide
Concentration:	lot specific
Purification:	Ascites
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	protein tyrosine phosphatase, non-receptor type 5
Database Link:	NP_116170 Entrez Gene 19259 Mouse Entrez Gene 29644 Rat Entrez Gene 84867 Human P54829
Synonyms:	PTPSTEP; STEP
Protein Families:	Druggable Genome, Phosphatase, Transmembrane
Protein Pathways:	MAPK signaling pathway



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Product images:

Immunohistochemistry-Paraffin: STEP Antibody (23E5) TA309823 - STEP was detected in immersion fixed paraffin-embedded sections of human brain basal ganglia using Mouse Anti-Human STEP (23E5) Monoclonal Antibody (Catalog # TA309823) at 1:100 for 1 hour at room temperature followed by incubation with the Anti-Mouse IgG VisUCyte™ HRP Polymer Antibody (Catalog # VC001). Tissue was stained using DAB (brown) and counterstained with hematoxylin (blue). Specific staining was localized to the cytoplasm in neurons.



Western Blot: STEP Antibody (23E5) TA309823 - Analysis of STEP protein in striatal rat protein homogenates