

## PTPN5 Conjugated Antibody

Catalog No: #C40066



Package Size: #C40066-AF350 100ul #C40066-AF405 100ul #C40066-AF488 100ul  
 #C40066-AF555 100ul #C40066-AF594 100ul #C40066-AF647 100ul  
 #C40066-AF680 100ul #C40066-AF750 100ul #C40066-Biotin 100ul

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## Description

Product Name	PTPN5 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total PTPN5 protein.
Immunogen Description	Fusion protein corresponding to residues near the C terminal of human protein tyrosine phosphatase, non-receptor type 5 (striatum-enriched)
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	STEP; PTPSTEP
Accession No.	Swiss-Prot#:P54829NCBI Gene ID:84867NCBI Protein#:BC064807
Uniprot	P54829
GeneID	84867;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

## Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

## Background

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Protein tyrosine phosphatase non-receptor type 5 is an enzyme that in humans is encoded by the *PTN* gene. May regulate the activity of several effector molecules involved in synaptic plasticity and neuronal cell survival, including MAPKs, Src family kinases and NMDA receptors.

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Note: This product is for in vitro research use only