

## PLXNA4 Conjugated Antibody

Catalog No: #C37835



Package Size: #C37835-AF350 100ul #C37835-AF405 100ul #C37835-AF488 100ul  
 #C37835-AF555 100ul #C37835-AF594 100ul #C37835-AF647 100ul  
 #C37835-AF680 100ul #C37835-AF750 100ul #C37835-Biotin 100ul

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## Description

Product Name	PLXNA4 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total PLXNA4 protein.
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human plexin A4
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	PLEXA4; PLXNA4A; PLXNA4B; FAYV2820; PRO34003
Accession No.	Swiss-Prot#:Q9HCM2NCBI Gene ID:91584NCBI Protein#:NP_079455/O75051
Uniprot	Q9HCM2
GeneID	91584;
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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Coreceptor for SEMA3A. Necessary for signaling by class 3 semaphorins and subsequent remodeling of the cytoskeleton. Plays a role in axon guidance in the developing nervous system. Class 3 semaphorins bind to a complex composed of a neuropilin and a plexin. The plexin modulates the affinity of the complex for specific semaphorins, and its cytoplasmic domain is required for the activation of down-stream signaling events in the cytoplasm.

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Note: This product is for in vitro research use only