

Immunotag™ PLXA2 Polyclonal Antibody

Antibody Specification	
Catalog No.	ITN1067
Product Description	Immunotag™ PLXA2 Polyclonal Antibody
Size	50 µg, 100 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	PLXA2
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,ELISA
Recommended Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Reactive Species	Human,Mouse
Host Species	Rabbit
Immunogen	Synthesized peptide derived from human protein . at AA range: 600-680
Specificity	PLXA2 Polyclonal Antibody detects endogenous levels of protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Gene Name	PLXNA2 KIAA0463 OCT PLXN2 UNQ209/PRO235
Accession No.	O75051 P70207

Antibody Specification

Description	plexin A2(PLXNA2) Homo sapiens This gene encodes a member of the plexin-A family of semaphorin co-receptors. Semaphorins are a large family of secreted or membrane-bound proteins that mediate repulsive effects on axon pathfinding during nervous system development. A subset of semaphorins are recognized by plexin-A/neuropilin transmembrane receptor complexes, triggering a cellular signal transduction cascade that leads to axon repulsion. This plexin-A family member is thought to transduce signals from semaphorin-3A and -3C. [provided by RefSeq, Jul 2008],
Cell Pathway/ Category	Axon guidance,
Protein Expression	Brain,Liver,Placenta,Skeletal muscle,Tongue,Whole embryo,
Subcellular Localization	semaphorin receptor complex,plasma membrane,integral component of plasma membrane,
Protein Function	function:Coreceptor for SEMA3A. Necessary for signaling by class 3 semaphorins and subsequent remodeling of the cytoskeleton. Plays a role in axon guidance, invasive growth and cell migration. 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.,similarity:Belongs to the plexin family.,similarity:Contains 1 Sema domain.,similarity:Contains 4 IPT/TIG domains.,subunit:Interacts directly with NRP1 and NRP2.,tissue specificity:Detected in fetal brain.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.