

Mouse PLXNA2 Monoclonal Antibody | anti-PLXNA2 antibody

PLXNA2 (Plexin A2, KIAA0463, OCT, PLXN2, Plexin-A2, Semaphorin Receptor OCT, FLJ11751, FLJ30634) (HRP)

CATALOG # AAA25504	HOST Mouse	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Western Blot
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PRODUCT SYNONYMS

PLXNA2; Monoclonal Antibody; PLXNA2 (Plexin A2; KIAA0463; OCT; PLXN2; Plexin-A2; Semaphorin Receptor OCT; FLJ11751; FLJ30634) (HRP); anti-PLXNA2 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	IgG2b,k
Clone Number	2G5
Specificity	Recognizes human PLXNA2. Species Crossreactivity: mouse and rat.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with horseradish peroxidase (HRP).
Sequence Length	1012
Applicable Applications for anti-PLXNA2 antibody	ELISA, WB (Western Blot)
Application Notes	Applications are based on unconjugated antibody.
Immunogen	Full length recombinant corresponding to aa1-165 from human PLXNA2 (AAH32125) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	MHSQVFSAFPYSLPLRFWVNVIKNPQVFVDIHKGSITDACLSVVAQTFMDSCSTSEHRLDKDSPSNKLLYAKDIPSYKSWVERYADIKLPASDQDMNA
Conjugate	HRP
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store required amount only prior to immediate use. Further dilutions can be made in assay buffer. Note: Sodium azide is a potent inhibitor of peroxidase and original vial after thawing and prior to removing the cap.

IMAGES



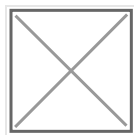
Application Data

Detection limit for recombinant GST tagged PLXNA2 is 0.1ng/ml as a capture antibody.



WB (Western Blot)

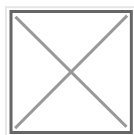
Western Blot analysis of PLXNA2 expression in transfected 293T cell line by PLXNA2 monoclonal antibody. Lane 1: PLXNA2 transfected lysate (Predicted MW: 18.8kD). Lane 2: Non-transfected lysate.

**WB (Western Blot)**

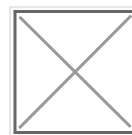
PLXNA2 monoclonal antibody. Western Blot analysis of PLXNA2 expression in NIH/3T3.

**WB (Western Blot)**

PLXNA2 monoclonal antibody. Western Blot analysis of PLXNA2 expression in Raw 264.7.

**WB (Western Blot)**

PLXNA2 monoclonal antibody. Western Blot analysis of PLXNA2 expression in HepG2

**WB (Western Blot)**

PLXNA2 monoclonal antibody. Western Blot analysis of PLXNA2 expression in PC-12.

ADDITIONAL INFORMATION

Related Product Information for anti-PLXNA2 antibody	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.
Product Categories/Family for anti-PLXNA2 antibody	Antibodies ; Plexin ; Semaphorin

NCBI AND UNIPROT INFORMATION

NCBI GI #	33878587
NCBI GeneID	5362
NCBI Official Full Name	Homo sapiens plexin A2, mRNA
NCBI Official Synonym Full Names	plexin A2
NCBI Official Symbol	PLXNA2
NCBI Official Synonym Symbols	OCT; PLXN2
NCBI Protein Information	plexin-A2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/plxna2-antibody-clone-2g5-western-blot-elisa/25504>