

Rabbit anti-Human, Mouse PLXNB2 Polyclonal Antibody | anti-PLXNB2 antibody

PLXNB2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA232299	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot, ELISA

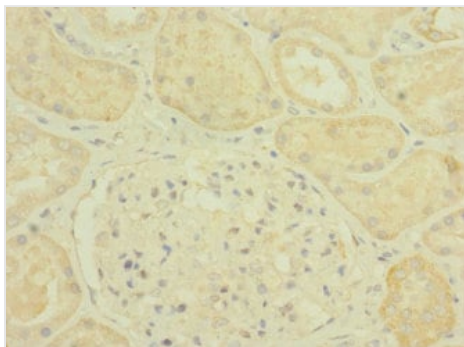
PRODUCT SYNONYMS

PLXNB2; Polyclonal Antibody; PLXNB2 Antibody; Plexin-B2; MM1; KIAA0315; anti-PLXNB2 antibody

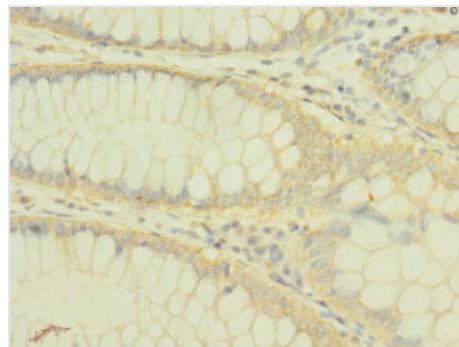
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid
Sequence Length	1838
Applicable Applications for anti-PLXNB2 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Species	Human
Immunogen	Recombinant human Plexin-B2 protein (1080-1200AA)
Conjugate	Non-conjugated
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-34506 / sc-34507 / sc-34504 / sc-67034
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

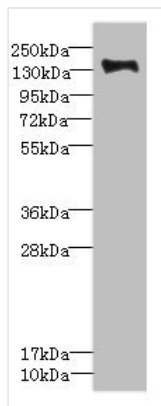
IMAGES


IHC (Immunohistochemisry)

Immunohistochemistry of paraffin-embedded human kidney tissue AAA232299 at dilution 1:100


IHC (Immunohiostchemistry)

Immunohistochemistry of paraffin-embedded human colon cancer AAA232299 at dilution 1:100



WB (Western Blot)

Western blotAll lanes: PLXNB2 antibody IgG at 2.39ug/ml+ Mouse liver tissueSecondaryGoat polyclonal to rabbit IgG at 1/10000 dilutionPredicted band size: 205 kDaObserved band size: 205 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-PLXNB2 antibody

Cell surface receptor for SEMA4C, SEMA4D and SEMA4G that plays an important role in cell-cell signaling. Binding to class 4 semaphorins promotes downstream activation of RHOA and phosphorylation of ERBB2 at 'Tyr-1248'. Required for normal differentiation and migration of neuronal cells during brain corticogenesis and for normal embryonic brain development. Regulates the migration of cerebellar granule cells in the developing brain. Plays a role in RHOA activation and subsequent changes of the actin cytoskeleton. Plays a role in axon guidance, invasive growth and cell migration. May modulate the activity of RAC1 and CDC42. Down-regulates macrophage migration in wound-healing assays (in vitro) (By similarity).

NCBI AND UNIPROT INFORMATION

NCBI GI #	149363636
NCBI GeneID	23654
NCBI Accession #	NP_036533.2
NCBI GenBank Nucleotide #	NM_012401.3
UniProt Accession #	O15031; Q7KZU3; Q9BSU7; A6QRH0
Molecular Weight	205,127 Da
NCBI Official Full Name	plexin-B2
NCBI Official Synonym Full Names	plexin B2
NCBI Official Symbol	PLXNB2
NCBI Official Synonym Symbols	MM1; PLEXB2; Nbla00445; dJ402G11.3
NCBI Protein Information	plexin-B2
UniProt Protein Name	Plexin-B2
UniProt Gene Name	PLXNB2
UniProt Synonym Gene Names	KIAA0315
UniProt Entry Name	PLXB2_HUMAN

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.