

Rabbit anti-Human PLXND1 Polyclonal Antibody | anti-PLXND1 antibody

PLXND1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA233370	Rabbit	Human	Immunofluorescence, Immunohistochemistry, ELISA

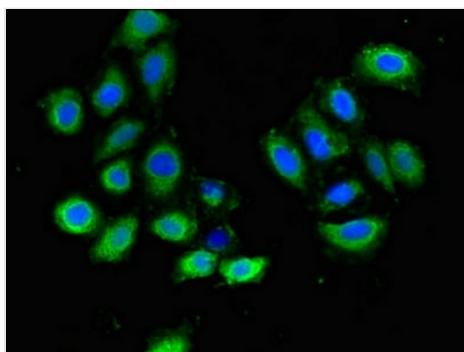
PRODUCT SYNONYMS

PLXND1; Polyclonal Antibody; PLXND1 Antibody; Plexin-D1; KIAA0620; anti-PLXND1 antibody

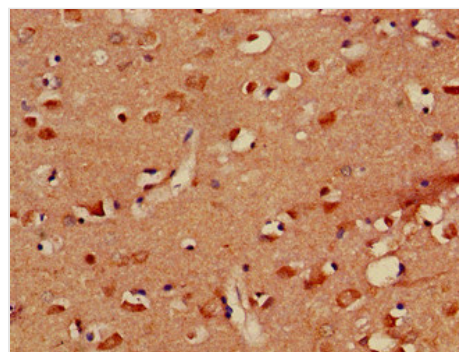
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	1925
Applicable Applications for anti-PLXND1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human Plexin-D1 protein (1-222AA)
Conjugation	Non-conjugated
Preservative	0.03% Proclin 300
Constituents	50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

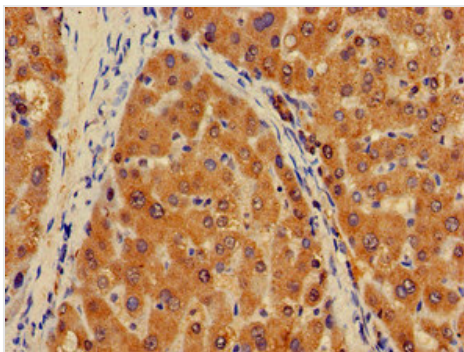
IMAGES


IHC (Immunohistochemistry)

Immunofluorescent analysis of A549 cells using AAA233370 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human brain tissue using AAA233370 at dilution of 1:100



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human liver tissue using AAA233370 at dilution of 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-PLXND1 antibody	Cell surface receptor for SEMA4A and for class 3 semaphorins, such as SEMA3A, SEMA3C and SEMA3E. Plays an important role in cell-cell signaling, and in regulating the migration of a wide spectrum of cell types. Regulates the migration of thymocytes in the medulla. Regulates endothelial cell migration. Plays an important role in ensuring the specificity of synapse formation. Required for normal development of the heart and vasculature (By similarity). Mediates anti-angiogenic signaling in response to SEMA3E.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	157694524
NCBI GeneID	23129
NCBI Accession #	NP_055918.2
NCBI GenBank Nucleotide #	NM_015103.2
UniProt Accession #	Q9Y4D7; Q6PJS9; Q8IZJ2; Q9BTQ2; A7E2C6; C9JPZ6
Molecular Weight	195,558 Da
NCBI Official Full Name	plexin-D1
NCBI Official Synonym Full Names	plexin D1
NCBI Official Symbol	PLXND1
NCBI Official Synonym Symbols	PLEXD1
NCBI Protein Information	plexin-D1
UniProt Protein Name	Plexin-D1
UniProt Gene Name	PLXND1
UniProt Synonym Gene Names	KIAA0620

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.