

Rabbit Plxdc2 Polyclonal Antibody | anti-Plxdc2 antibody

Plxdc2 Antibody

CATALOG # AAA302365	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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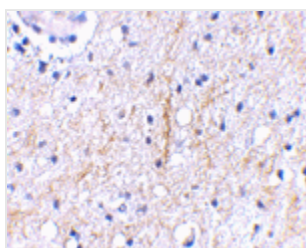
PRODUCT SYNONYMS

Plxdc2; Polyclonal Antibody; Plxdc2 Antibody; Plexin domain-containing protein 2; Tumor endothelial marker 7-related protein; TEM7R; anti-Plxdc2 antibody

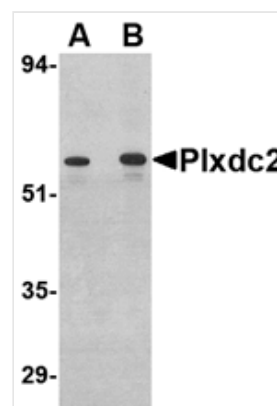
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Affinity chromatography purified via peptide column
Form/Format	Supplied in PBS containing 0.02% sodium azide.
Sequence Length	480
Applicable Applications for anti-Plxdc2 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Type	Peptide
Immunogen Description	Raised against a 17 amino acid peptide from near the carboxy terminus of human Plxdc2.
Target Name	Plxdc2
Preparation and Storage	Can be stored at -20 degree C, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES


IHC (Immunohistochemistry)

Immunohistochemical staining of human brain tissue using Plxdc2 antibody at 2.5 ug/mL.


WB (Western Blot)

Western blot analysis of Plxdc2 in human colon tissue lysate with Plxdc2 antibody at (A) 0.5 (B) 1 ug/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-Plxdc2 antibody	Plxdc2, also known as Tumor endothelial marker 7-related (TEM7R) encodes a protein with 57% amino acid identity to TEM7, the most abundant tumor endothelial marker. Plxdc2 is strongly expressed in the endothelial cells of the tumor stroma, but not in the endothelial cells of normal colonic tissue. Plxdc2 is also expressed at high levels in vessels of some normal tissues, with highest expression in muscle and lung. Plxdc2 and TEM7 may be important for tumor angiogenesis in humans. Cortactin was identified as a protein capable of binding to the extracellular region of both TEM7 and Plxdc2, and may provide new opportunities for the delivery of therapeutic and imaging agents to the vessels of solid tumors.
Product Categories/Family for anti-Plxdc2 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	544346180
NCBI GeneID	84898
NCBI Accession #	NP_001269665.1
NCBI GenBank Nucleotide #	NM_001282736.1
UniProt Accession #	Q6UX71; Q96E59; Q96PD9; Q96SU9
Molecular Weight	16,423 Da
NCBI Official Full Name	plexin domain-containing protein 2 isoform 2
NCBI Official Synonym Full Names	plexin domain containing 2
NCBI Official Symbol	PLXDC2
NCBI Official Synonym Symbols	TEM7R
NCBI Protein Information	plexin domain-containing protein 2
UniProt Protein Name	Plexin domain-containing protein 2
UniProt Gene Name	PLXDC2
UniProt Synonym Gene Names	TEM7R
UniProt Entry Name	PXDC2_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.