# antibodies -online.com







# anti-PLXDC2 antibody (N-Term)

**Images** 

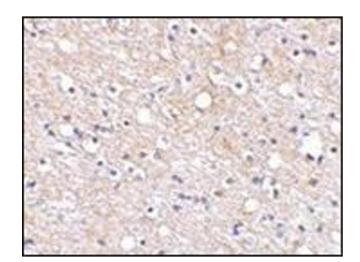


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Quantity:	0.1 mg	
Target:	PLXDC2	
Binding Specificity:	N-Term	
Reactivity:	Human, Mouse, Rat	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This PLXDC2 antibody is un-conjugated	
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzym Immunoassay (EIA)	
Product Details		
Immunogen:	Plxdc2 antibody was raised against a 18 amino acid peptide from near the amino terminus of human Plxdc2.	
Isotype:	IgG	
Specificity:	This antibody detects Plxdc2 at N-term.	
Cross-Reactivity (Details):	Species reactivity (tested):Human, mouse, rat	
Purification:	Peptide affinity chromatography	
Target Details		
Target:	PLXDC2	

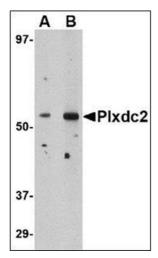
## **Target Details**

Alternative Name:	PLXDC2 / TEM7R (PLXDC2 Products)	
Background:	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. Synonyms: Plexin	
	domain-containing protein 2, Tumor endothelial marker 7-related protein	
Gene ID:	84898	
UniProt:	Q6UX71	
Application Details		
Application Notes:	ELISA. Western blot: 0.5 - 1 μg/mL. Immunohistochemistry on paraffin sections.	
	Other applications not tested.	
	Optimal dilutions are dependent on conditions and should be determined by the user.	
Restrictions:	For Research Use only	
Handling		
Buffer:	PBS containing 0.02 % sodium azide	
Preservative:	Sodium azide	
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which	
	should be handled by trained staff only.	
Handling Advice:	Avoid repeated freezing and thawing.	
Storage:	4 °C/-20 °C	
Storage Comment:	Store at 2 - 8 °C for up to one month or (in aliquots) at -20 °C for longer.	



### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Immunohistochemical staining of human brain tissue using AP30680PU-N at  $2.5 \, \mu g/ml$ .



#### **Western Blotting**

**Image 2.** Western blot analysis of Plxdc2 in human brain tissue lysate with this product at (A) 0.5 (B)  $1 \mu g/ml$ .