# antibodies -online.com





## Datasheet for ABIN717101 anti-PLXDC2 antibody (AA 101-200)

Go to Product page

	1//			

Quantity:	100 μL
Target:	PLXDC2
Binding Specificity:	AA 101-200
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PLXDC2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

#### **Product Details**

Immunogen:	KLH conjugated synthetic peptide derived from human TEM7R
Isotype:	IgG
Predicted Reactivity:	Human, Mouse, Rat, Dog, Cow, Sheep, Pig, Horse, Chicken, Rabbit
Purification:	Purified by Protein A.

### **Target Details**

Target:	PLXDC2
Alternative Name:	Tem7r (PLXDC2 Products)

#### Target Details

Bac	kar	'nΙ	ın	Ч.
Duo		$\sim$	<i>.</i>	ч.

Synonyms: Tumor endothelial marker 7 related protein, Plexin domain containing 2, Plexin domain containing protein 2, Plexin domain-containing protein 2, PLXDC 2, plxdc2, PXDC2\_HUMAN, TEM7R, Tumor endothelial marker 7-related protein.

Background: TEM7R also known as PLXDC2 is a 529 amino acid single-pass type I membrane protein containing one PSI domain and belonging to the plexin family. Localizing to membrane, TEM7R is expressed in endothelial cells of the stroma, as well as in limbs, lung buds, developing heart, spinal cord and dorsal root ganglia. TEM7R interacts with cortactin and may play a role in tumor angiogenesis. Existing as three alternatively spliced isoforms, the gene encoding TEM7R maps to human chromosome 10p12.31. Spanning nearly 135 million base pairs, chromosome 10 makes up approximately 4.5 % of total DNA in cells and encodes nearly 1,200 genes. Defects in some of the genes that map to chromosome 10 are associated with Charcot-Marie Tooth disease, Jackson-Weiss syndrome, Usher syndrome, nonsyndromatic deafness, Wolman?s syndrome, Cowden syndrome, multiple endocrine neoplasia type 2 and porphyria.

Gene ID:

84898

#### **Application Details**

Application	Notes:
, ipplication	1 10 100.

WB 1:300-5000

ELISA 1:500-1000

IHC-P 1:200-400

IHC-F 1:100-500

IF(IHC-P) 1:50-200

IF(IHC-F) 1:50-200

IF(ICC) 1:50-200

ICC 1:100-500

Restrictions:

For Research Use only

#### Handling

Format:	Liquid
Concentration:	1 μg/μL
Buffer:	0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

### Handling

Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months