



TEM7 rabbit pAb

Cat No.:ES6870

For research use only

Overview

Product Name	TEM7 rabbit pAb
Host species	Rabbit
Applications	IHC;IF;ELISA
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	Immunohistochemistry: 1/100 - 1/300. ELISA: 1/20000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human PLXDC1. AA range:71-120
Specificity	TEM7 Polyclonal Antibody detects endogenous levels of TEM7 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Plexin domain-containing protein 1
Gene Name	PLXDC1
Cellular localization	[Isoform 1]: Cell membrane; Single-pass type I membrane protein. Cell junction, tight junction. Localized predominantly at the tight junctions of vascular endothelial cells and to a lesser extent at the luminal surface of vascular endothelial cells.; [Iso
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	
Human Gene ID	57125
Human Swiss-Prot Number	Q8IUU5
Alternative Names	PLXDC1; TEM3; TEM7; Plexin domain-containing protein 1; Tumor endothelial marker 3; Tumor endothelial marker 7





Background

PTM:N-glycosylated.,similarity:Belongs to the plexin family.,subunit:May interact with cortactin.,tissue specificity:Detected in endothelial cells from colorectal cancer, and in endothelial cells from primary cancers of the lung, liver, pancreas, breast and brain. Not detectable in endothelial cells from normal tissue.,

Immunohistochemistry analysis of paraffin-embedded human brain, using PLXDC1 Antibody. The picture on the right is blocked with the synthesized peptide.

