

PDIA6 Antibody

Rabbit mAb

Catalog # AP91063

Product Information

Application	WB, IF, FC, ICC
Primary Accession	Q15084
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Other Names	PDIA6; ERP5, P5, TXNDC7; ER protein 5; ERp5;
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	48121

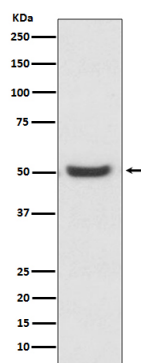
Additional Information

Dilution	WB 1:500~1:2000 ICC/IF 1:50~1:200 FC 1:50
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human PDIA6
Description	May function as a chaperone that inhibits aggregation of misfolded proteins. Plays a role in platelet aggregation and activation by agonists such as convulxin, collagen and thrombin.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Protein Information

Name	PDIA6
Synonyms	ERP5, P5, TXNDC7
Function	May function as a chaperone that inhibits aggregation of misfolded proteins (PubMed: 12204115). Negatively regulates the unfolded protein response (UPR) through binding to UPR sensors such as ERN1, which in turn inactivates ERN1 signaling (PubMed: 24508390). May also regulate the UPR via the EIF2AK3 UPR sensor (PubMed: 24508390). Plays a role in platelet aggregation and activation by agonists such as convulxin, collagen and thrombin (PubMed: 15466936).
Cellular Location	Endoplasmic reticulum lumen. Cell membrane. Melanosome. Note=Identified by mass spectrometry in melanosome fractions from stage I to stage IV (PubMed:12643545)
Tissue Location	Expressed in platelets (at protein level).

Images



Western blot analysis of PDIA6 expression in K562 cell lysate.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.