

PDIA6 Antibody
Rabbit mAb
Catalog # AP91063

Specification

PDIA6 Antibody - Product Information

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

PDIA6 Antibody - Additional Information

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.

PDIA6 Antibody - Protein Information

Name PDIA6

Synonyms ERP5, P5, TXNDC7

Function

May function as a chaperone that inhibits aggregation of misfolded proteins (PubMed: [12204115](http://www.uniprot.org/citations/12204115)). Negatively regulates the unfolded protein response (UPR) through binding to UPR sensors such as ERN1, which in turn inactivates ERN1 signaling (PubMed: [24508390](http://www.uniprot.org/citations/24508390)). May also regulate the UPR via the EIF2AK3 UPR sensor (PubMed: [24508390](http://www.uniprot.org/citations/24508390)). Plays a role in platelet aggregation and activation by agonists such as convulxin, collagen and thrombin (PubMed: [15466936](http://www.uniprot.org/citations/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

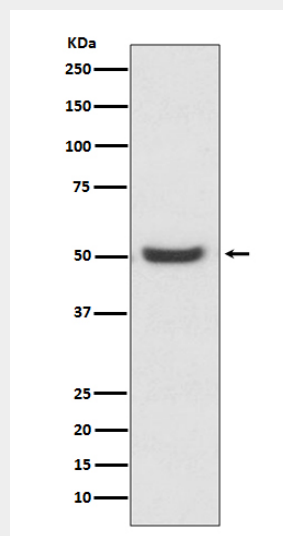
Expressed in platelets (at protein level).

PDIA6 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

PDIA6 Antibody - Images



Western blot analysis of PDIA6 expression in K562 cell lysate.