

**PDIA6 Antibody**  
**Rabbit mAb**  
**Catalog # AP91063****Specification**

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**PDIA6 Antibody - Product Information**

Application	WB, FC, ICC
Primary Accession	<a href="#">Q15084</a>
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**

Dilution	WB~~1:1000 FC~~1:10~50 ICC~~N/A
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:<a href="http://www.uniprot.org/citations/12204115" target="\_blank">12204115</a>). Negatively regulates the unfolded protein response (UPR) through binding to UPR sensors such as ERN1, which in turn inactivates ERN1 signaling (PubMed:<a href="http://www.uniprot.org/citations/24508390" target="\_blank">24508390</a>). May also regulate the UPR via the EIF2AK3 UPR sensor (PubMed:<a href="http://www.uniprot.org/citations/24508390" target="\_blank">24508390</a>).

href="http://www.uniprot.org/citations/24508390" target="\_blank">24508390</a>). Plays a role in platelet aggregation and activation by agonists such as convulxin, collagen and thrombin (PubMed:<a href="http://www.uniprot.org/citations/15466936" target="\_blank">15466936</a>).

#### 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

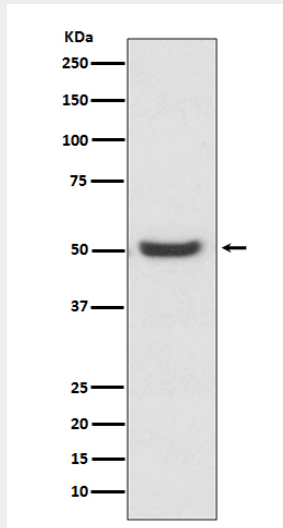
Expressed in platelets (at protein level).

### 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.