

# PDIA6 Rabbit mAb

Catalog # AP77604

## Product Information

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<b>Application</b>	WB, IF, FC, ICC
<b>Primary Accession</b>	<a href="#">Q15084</a>
<b>Reactivity</b>	Rat, Human, Mouse
<b>Host</b>	Rabbit
<b>Clonality</b>	Monoclonal Antibody
<b>Isotype</b>	IgG
<b>Conjugate</b>	Unconjugated
<b>Immunogen</b>	A synthesized peptide derived from human PDIA6
<b>Purification</b>	Affinity Chromatography
<b>Calculated MW</b>	48121

## Additional Information

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<b>Gene ID</b>	10130
<b>Other Names</b>	PDIA6
<b>Dilution</b>	WB~~1/500-1/1000 IF~~1:50~200 FC~~1:10~50 ICC~~N/A
<b>Format</b>	Liquid in 10mM PBS, pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

## Protein Information

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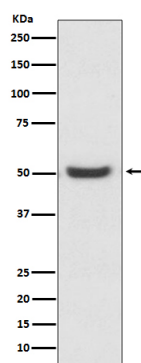
<b>Name</b>	PDIA6
<b>Synonyms</b>	ERP5, P5, TXNDC7
<b>Function</b>	May function as a chaperone that inhibits aggregation of misfolded proteins (PubMed: <a href="#">12204115</a> ). Negatively regulates the unfolded protein response (UPR) through binding to UPR sensors such as ERN1, which in turn inactivates ERN1 signaling (PubMed: <a href="#">24508390</a> ). May also regulate the UPR via the EIF2AK3 UPR sensor (PubMed: <a href="#">24508390</a> ). Plays a role in platelet aggregation and activation by agonists such as convulxin, collagen and thrombin (PubMed: <a href="#">15466936</a> ).
<b>Cellular Location</b>	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**

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