

## Immunotag™ PDIA6 Antibody

Antibody Specification	
Catalog No.	ITA3103
Product Description	Immunotag™ PDIA6 Antibody
Size	100 µg, 200 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	PDIA6
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC
Recommended Dilution	WB 1:500-1:2000, IHC 1:50-1:200
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human PDIA6.
Specificity	PDIA6 antibody detects endogenous levels of PDIA6.
Purification	The antiserum was purified by peptide affinity chromatography.
Form	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Gene Name	PDIA6
Accession No.	Q15084
Alternate Names	Endoplasmic reticulum protein 5; ER protein 5; ERp5; P5; Pdia6; PDIA6_HUMAN; Protein disulfide isomerase A6; Protein disulfide isomerase associated 6; Protein disulfide isomerase family A member 6; Protein disulfide isomerase P5; Protein disulfide isomerase related protein; Protein disulfide-isomerase A6; Thioredoxin domain containing 7 (protein disulfide isomerase); Thioredoxin domain containing protein 7; Thioredoxin domain-containing protein 7; TXNDC7;

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Description	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).
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	54 kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.