

Datasheet for ABIN7269614
anti-PDIA6 antibody (AA 20-300)



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Overview

Quantity:	100 µL
Target:	PDIA6
Binding Specificity:	AA 20-300
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PDIA6 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Purpose:	[KO Validated] PDIA6 Rabbit pAb
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 20-300 of human PDIA6 (NP_005733.1).
Sequence:	LYSSDDVIE LTPSNFNREV IQSDSLWLVE FYAPWCGHCQ RLTP EWKKAA TALKDVVKVG AVDADKHHSL GGQYGVQGFP TIKIFGSNKN RPEDYQGGRT GEAI VDAALS ALRQLVKDRL GGRSGGYSSG KQGRSDSSSK KDVIELTDDS FDKNVLDSED VWMVEFYAPW CGHCKNLEPE WAAAASEVKE QTKGKVKLAA VDATVNQVLA SRYGIRGFPT IKIFQKGESP VDYDGGRTSR DIVSRALDLF SDNAPPPPELL EIINEDIAKR TCEEHQLCVV A
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

Product Details

Purification: Affinity purification

Grade: KO Validated

Target Details

Target: PDIA6

Alternative Name: PDIA6 ([PDIA6 Products](#))

Background: This gene encodes a member of the disulfide isomerase (PDI) family of endoplasmic reticulum (ER) proteins that catalyze protein folding and thiol-disulfide interchange reactions. The encoded protein has an N-terminal ER-signal sequence, two catalytically active thioredoxin (TRX) domains, a TRX-like domain, and a C-terminal ER-retention sequence. This protein inhibits the aggregation of misfolded proteins and exhibits both isomerase and chaperone activity. Alternative splicing results in multiple transcript variants encoding different isoforms.,PDIA6,ERP5,P5,TXNDC7,Signal Transduction,PDIA6

Molecular Weight: 47kDa/48kDa/53kDa

Gene ID: 10130

UniProt: [Q15084](#)

Pathways: [ER-Nucleus Signaling](#), [Cell RedoxHomeostasis](#)

Application Details

Application Notes: WB,1:500 - 1:2000,IHC,1:50 - 1:200,IF,1:50 - 1:100

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.