

Datasheet for ABIN2784775
anti-PDIA6 antibody (N-Term)[Go to Product page](#)

4 Images

Overview

Quantity:	100 µL
Target:	PDIA6
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Horse, Cow, Dog, Pig, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PDIA6 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human PDIA6
Sequence:	KNRPEDYQGG RTGEAIVDAA LSALRQLVKD RLGGRSGGYS SGKQGRSDSS
Predicted Reactivity:	Cow: 86%, Dog: 93%, Horse: 100%, Human: 100%, Mouse: 100%, Pig: 93%, Rabbit: 79%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against PDIA6. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	PDIA6
Alternative Name:	PDIA6 (PDIA6 Products)

Target Details

Background:	<p>Protein disulfide isomerases, such as PDIA6, are endoplasmic reticulum (ER) resident proteins that catalyze formation, reduction, and isomerization of disulfide bonds in proteins and are thought to play a role in folding of disulfide-bonded proteins.</p> <p>Alias Symbols: ERP5, P5, TXNDC7</p> <p>Protein Interaction Partner: HUWE1, UBC, MDM2, P3H1, XPO5, MAT2B, NRD1, GTF2A1, C1QBP, ARPC4, UGDH, TPD52L2, TPD52, PPP3CA, PFDN5, PCYT1A, PARK2, UBD, ADRB2, IGSF8, CD81, MTNR1A, FN1, CSNK2A1, CASP8, METTL23, GRDX, gag-pol, CLN8, VKORC1, SMURF1, TXNL1, MACF1, TPI1, PMS2P1, P4HB, IGBP</p> <p>Protein Size: 440</p>
Molecular Weight:	48 kDa
Gene ID:	10130
NCBI Accession:	NM_005742 , NP_005733
UniProt:	Q922R8
Pathways:	ER-Nucleus Signaling , Cell Redox Homeostasis

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 440 AA
Restrictions:	For Research Use only

Handling

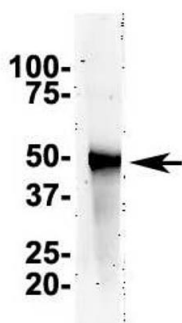
Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C

Handling

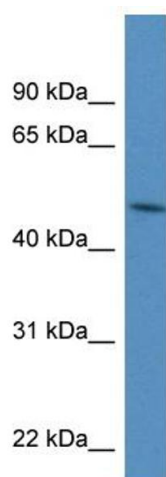
Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images

PDIA6



See Other Application 1 Data and Customer Feedback tab for more information.



Rabbit Anti-PDIA6 Antibody
Catalog Number: ARP52102
Lot Number: QC31930
Lane: Jurkat Cell Lysate

Antibody Titration: 1.0 µg/ml
Gel Concentration: 12%

Western Blotting

Image 1. IP Suggested AntiPDIA6 Antibody

Positive Control: NT2 CELL/BRAIN TISSUE

Western Blotting

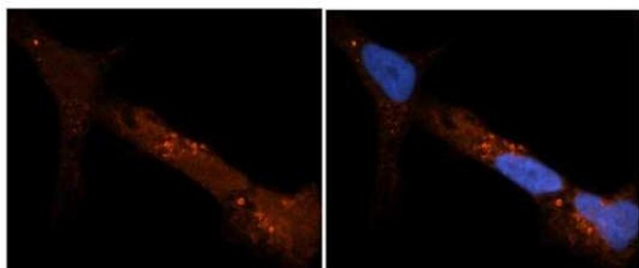
Image 2. WB Suggested Anti-PDIA6 Antibody Titration:

0.2-1 µg/ml

ELISA Titer: 1:62500

Positive Control: 721_B cell lysate

PDIA6



See Immunohistochemistry 1 Data and Customer Feedback tab for more information.

Immunohistochemistry

Image 3. Sample Type: NT2 cells

Red: Antibody

Blue: DAPI

Primary Dilution: 1 µg/50 µl antibody

Secondary Antibody: Alexa goat anti-rabbit 594

Image Submitted by: Yuzhi Chen, University of Arkansas for Medical Sciences

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN2784775.