Rabbit PDIA6 Polyclonal Antibody | anti-PDIA6 antibody

PDIA6 Antibody (Center K159)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA28792	**Rabbit**	**Human, mouse, rat**	**ELISA, Immunohistochemistry, Immunofluorescence, Western Blot, Flow Cytometry, Functional Assay**

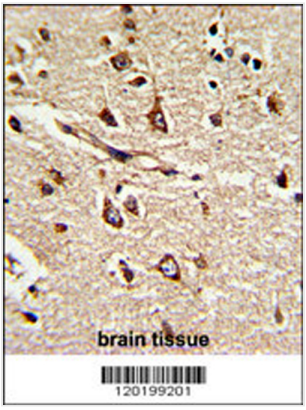
PRODUCT SYNONYMS

PDIA6; Polyclonal Antibody; PDIA6 Antibody (Center K159); Protein disulfide-isomerase A6; Endoplasmic reticulum protein 5; ER protein 5; ERp5; Protein disulfide isomerase P5; Thioredoxin domain-containing protein 7; ERP5; P5; TXNDC7; anti-PDIA6 antibody

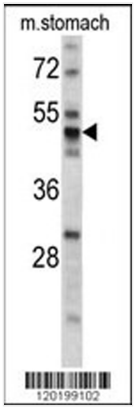
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse, rat
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This PDIA6 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 144-172 amino acids from the Central region of human PDIA6.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	144-172
Sequence Length	488
Applicable Applications for anti-PDIA6 antibody	ELISA, IHC (Immunohistochemistry), IF (Immunofluorescence), WB (Western Blot), FCM/FACS (Flow Cytometry)
Application Notes	IHC~~1:50~100 IF~~1:100 WB~~1:1000
Antigen Type	Synthetic Peptide
Crown Antibody	Yes
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

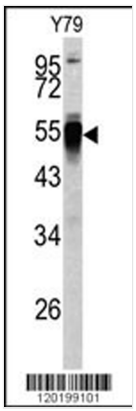
IMAGES



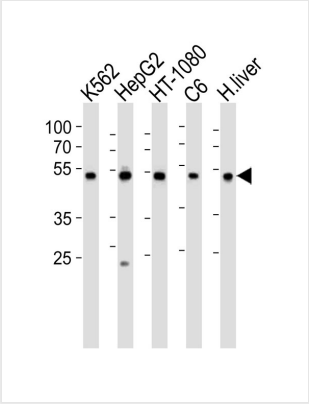
WB (Western Blot)
Formalin-fixed and paraffin-embedded human brain tissue reacted with PDIA6 Antibody (Center K159), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



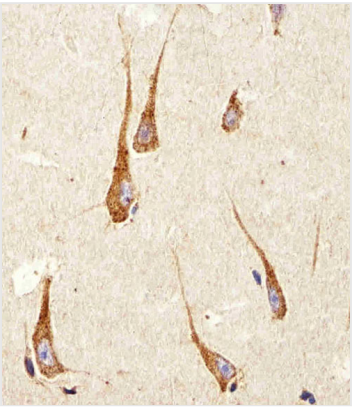
WB (Western Blot)
Western blot analysis of PDIA6 antibody (Center K159) in mouse stomach tissue lysates (35ug/lane). PDIA6 (arrow) was detected using the purified Pab.



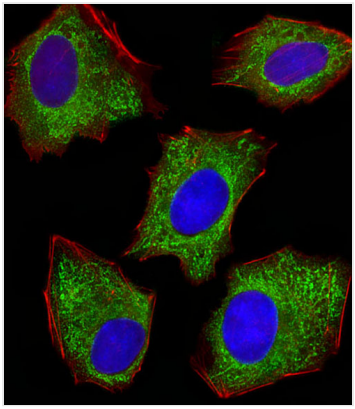
WB (Western Blot)
Western blot analysis of PDIA6 antibody (Center K159) in Y79 cell line lysates (35ug/lane). PDIA6 (arrow) was detected using the purified Pab.



WB (Western Blot)
Western blot analysis of lysates from K562, HepG2, HT-1080, rat C6 cell line and human liver tissue lysate (from left to right), using PDIA6 Antibody (Center K159). AAA28792 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysates at 35ug per lane.



IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded H. brain section using PDIA6 Antibody (Center K159). AAA28792 was diluted at 1:100 dilution. A peroxidase-conjugated goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody, followed by DAB staining.



IF (Immunofluorescence)
Fluorescent image of HepG2 cells stained with XAF1 PDIA6 Antibody (Center K159). AAA28792 was diluted at 1:100 dilution. An Alexa Fluor 488-conjugated goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody (green). DAPI was used to stain the cell nuclear (blue). Cytoplasmic actin was counterstained with Alexa Fluor 555 conjugated with Phalloidin (red).

ADDITIONAL INFORMATION

Related Product Information for anti-PDIA6 antibody	Protein disulfide isomerases (EC 5.3.4.1), 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.
Product Categories/Family for anti-PDIA6 antibody	Crown Antibodies; Signal Transduction
References	Hayano,T.,Gene 164 (2), 377-378 (1995)

NCBI AND UNIPROT INFORMATION

NCBI GI #	5031973
NCBI GeneID	10130
NCBI Accession #	NP_005733.1
NCBI GenBank Nucleotide #	NM_005742.3
UniProt Accession #	Q15084; Q53RC7; Q6ZSH5; Q99778; B3KY95; B5MCQ5; B7Z254; B7Z4M8; F8WA83
Molecular Weight	48121
NCBI Official Full Name	protein disulfide-isomerase A6 isoform d
NCBI Official Synonym Full Names	protein disulfide isomerase family A, member 6
NCBI Official Symbol	PDIA6
NCBI Official Synonym Symbols	P5; ERP5; TXNDC7
NCBI Protein Information	protein disulfide-isomerase A6
UniProt Protein Name	Protein disulfide-isomerase A6
UniProt Gene Name	**PDIA6**
UniProt Synonym Gene Names	ERP5; P5; TXNDC7; ER protein 5; ERp5
UniProt Entry Name	PDIA6_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/polyclonal/pdia6-antibody-immunohistochemistry-immunofluorescence-western-blot-flow-cytometry-elisa/28792