abcam

Product datasheet

Anti-PDIA5 antibody ab232979

5 Images

Overview

Product name	Anti-PDIA5 antibody
Description	Rabbit polyclonal to PDIA5
Host species	Rabbit
Tested applications	**Suitable for:** IHC-P, WB
Species reactivity	**Reacts with:** Human, Pig
	Predicted to work with: Mouse, Rat
Immunogen	Recombinant fragment (His-T7-tag) corresponding to Human PDIA5 aa 350-550. Expressed in E.coli. Database link: **Q14554**
	Run BLAST with **Run BLAST with**
Positive control	WB: Recombinant human PDIA5 protein, pig liver tissue lysate and HeLa and A431 cell lysates. IHC-P: Human liver tissue.
General notes	The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing. If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.40 Preservative: 0.02% Sodium azide Constituents: 44.12% PBS, 55.77% Glycerol (glycerin, glycerine)
Purity	Immunogen affinity purified
Purification notes	Antigen-specific affinity chromatography followed by Protein A affinity chromatography.
Clonality	Polyclonal

Isotype   IgG

Applications

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

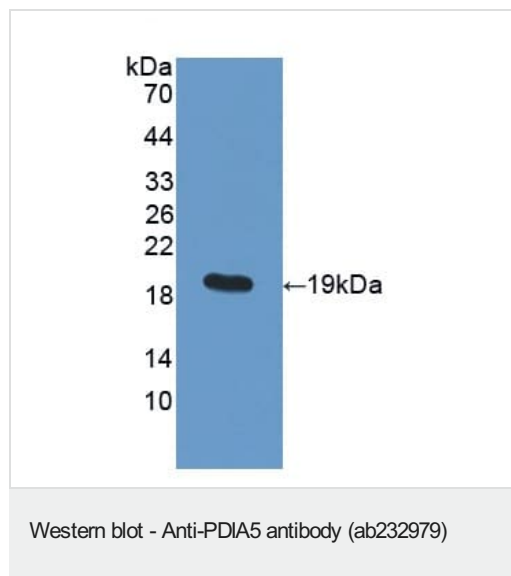| Application	Abreviews	Notes
IHC-P		Use a concentration of 5 - 20 µg/ml.
WB		Use a concentration of 0.2 - 2 µg/ml. Predicted molecular weight: 60 kDa.

Target

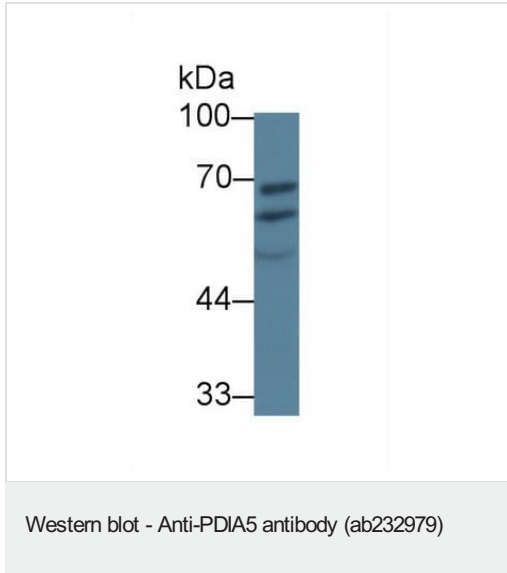|	
Sequence similarities	Belongs to the protein disulfide isomerase family. Contains 3 thioredoxin domains.
Cellular localization	Endoplasmic reticulum lumen.

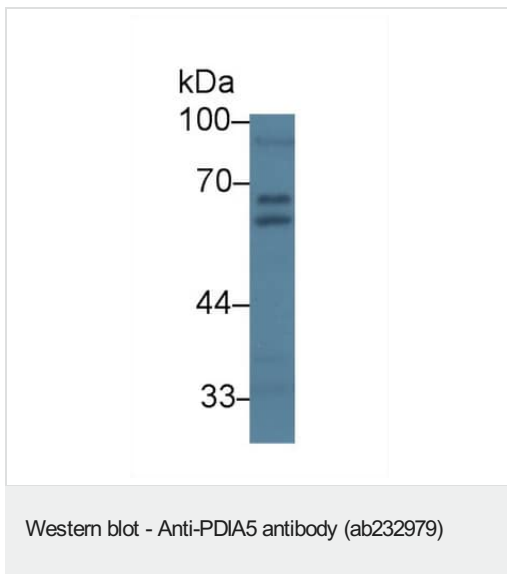## Images

Anti-PDIA5 antibody (ab232979) at 2 µg/ml + Recombinant human PDIA5 protein
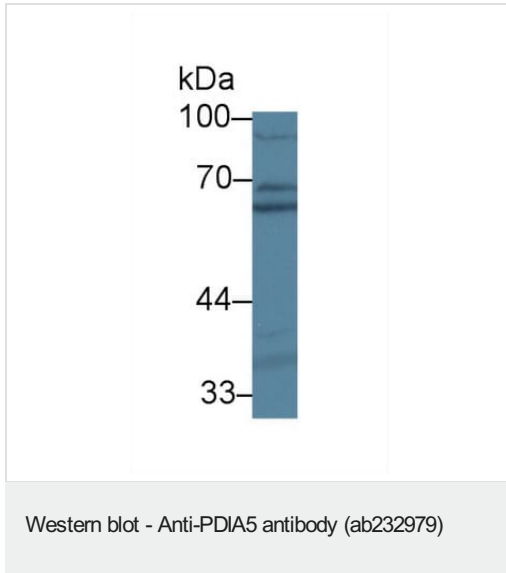
Predicted band size: 60 kDa

Western blot - Anti-PDIA5 antibody (ab232979)

Western blot - Anti-PDIA5 antibody (ab232979)

Anti-PDIA5 antibody (ab232979) at 2 µg/ml + Pig liver lysate

Predicted band size: 60 kDa
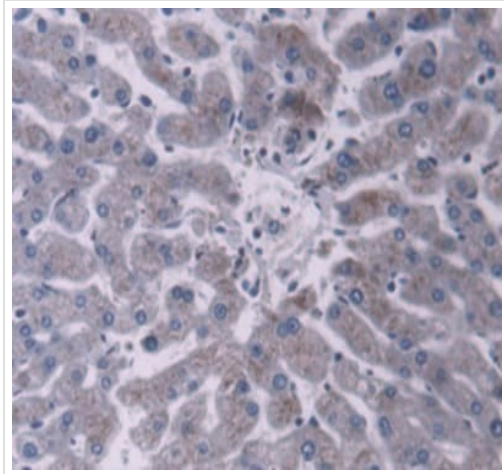

Western blot - Anti-PDIA5 antibody (ab232979)

Anti-PDIA5 antibody (ab232979) at 2 µg/ml + HeLa (human epithelial cell line from cervix adenocarcinoma) cell lysate

Predicted band size: 60 kDa

Anti-PDIA5 antibody (ab232979) at 2 µg/ml + A431 (human epidermoid carcinoma cell line) cell lysate

Predicted band size: 60 kDa

Western blot - Anti-PDIA5 antibody (ab232979)

Formalin-fixed, paraffin-embedded human liver tissue stained for PDIA5 using ab232979 at 30 µg/ml in immunohistochemical analysis. DAB staining.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PDIA5 antibody (ab232979)

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