abcam

Product datasheet

HRP Anti-PDIA6 antibody [EPR10132(B)] ab201733

Recombinant RabMAb

2 Images

Overview

Product name	HRP Anti-PDIA6 antibody [EPR10132(B)]
Description	HRP Rabbit monoclonal [EPR10132(B)] to PDIA6
Host species	Rabbit
Conjugation	HRP
Tested applications	**Suitable for:** WB **Unsuitable for:** IHC-P
Species reactivity	**Reacts with:** Human **Predicted to work with:** Rat
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
Positive control	WB: Human fetal kidney tissue lysate; HepG2 and HT1080 whole cell lysates.
General notes	Our RabMAb® technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to **RabMAb® patents**.

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. Avoid freeze / thaw cycle. Store In the Dark.
Storage buffer	pH: 7.40 Preservative: 0.1% Proclin 300 Solution Constituents: 30% Glycerol (glycerin, glycerine), 1% BSA, PBS
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR10132(B)
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab201733 in the following tested applications.

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

Application	Abreviews	Notes
WB		1/5000. Detects a band of approximately 48,50 kDa (predicted molecular weight: 48 kDa).

Application notes Is unsuitable for IHC-P.

Target

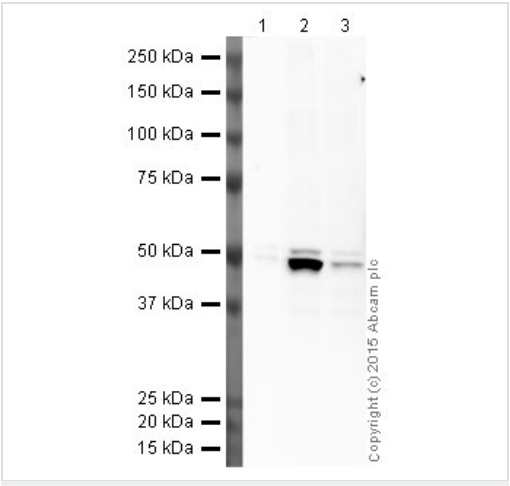
Function May function as a chaperone that inhibits aggregation of misfolded proteins. Plays a role in platelet aggregation and activation by agonists such as convulxin, collagen and thrombin.

Tissue specificity Expressed in platelets (at protein level).

Sequence similarities Belongs to the protein disulfide isomerase family.
Contains 2 thioredoxin domains.

Cellular localization Endoplasmic reticulum lumen. Cell membrane. Melanosome. Identified by mass spectrometry in melanosome fractions from stage I to stage IV.

Images



Western blot - HRP Anti-PDIA6 antibody [EPR10132(B)] (ab201733)

All lanes : HRP Anti-PDIA6 antibody [EPR10132(B)] (ab201733) at 1/5000 dilution

Lane 1 : Kidney (Human) Tissue Lysate - fetal normal tissue
Lane 2 : HepG2 (Human hepatocellular liver carcinoma cell line) Whole Cell Lysate
Lane 3 : HT1080 (Human fibrosarcoma cell line) Whole Cell Lysate

Lysates/proteins at 10 µg per lane.

Developed using the ECL technique.

Performed under reducing conditions.

Predicted band size: 48 kDa
Observed band size: 48,50 kDa

Exposure time: 20 minutes

This blot was produced using a 4-12% Bis-tris gel under the MOPS buffer system. The gel was run at 200V for 50 minutes before being

transferred onto a Nitrocellulose membrane at 30V for 70 minutes. The membrane was then blocked for an hour using 3% milk before being incubated with ab201733 overnight at 4°C. Antibody binding was visualised using ECL development solution **ab133406**.

HRP Anti-PDIA6 antibody [EPR10132(B)] (ab201733)

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