




Product datasheet

Anti-PDIA2/PDIP antibody ab223670

1 Image

Overview

Product name	Anti-PDIA2/PDIP antibody
Description	Goat polyclonal to PDIA2/PDIP
Host species	Goat
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Human Predicted to work with: Orangutan 
Immunogen	Synthetic peptide corresponding to Human PDIA2/PDIP aa 129-141 (internal sequence) (Cysteine residue). NP_006840.2 Sequence: C-THPEEYTGPRDAE Database link: Q13087  Run BLAST with  Run BLAST with
Positive control	WB: Human pancreas lysate.
General notes	This product was previously labelled as PDIA2

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: 7.30 Preservative: 0.02% Sodium azide Constituents: 0.5% BSA, Tris buffered saline
Purity	Immunogen affinity purified
Purification notes	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab223670** 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		Use a concentration of 0.03 - 0.1 µg/ml. Detects a band of approximately 70 kDa (predicted molecular weight: 58.2 kDa).

Target

Function	Acts as an intracellular estrogen-binding protein. May be involved in modulating cellular levels and biological functions of estrogens in the pancreas. May act as a chaperone that inhibits aggregation of misfolded proteins.
Tissue specificity	Highly expressed in pancreas (at protein level).
Sequence similarities	Belongs to the protein disulfide isomerase family. Contains 2 thioredoxin domains.
Post-translational modifications	The disulfide-linked homodimer exhibits an enhanced chaperone activity. Glycosylated.
Cellular localization	Endoplasmic reticulum lumen.

Images



Anti-PDIA2/PDIP antibody (ab223670) at 0.03 µg/ml + human pancreas lysate at 35 µg

Developed using the ECL technique.

Predicted band size: 58.2 kDa

Additional bands at: 70 kDa (possible glycosylated form)

Primary incubation was 1 hour.

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