



[Go to Product page](#)

Datasheet for ABIN657924

## anti-PDIA2 antibody (AA 210-239)

### 1 Image

#### Overview

Quantity:	400 µL
Target:	PDIA2
Binding Specificity:	AA 210-239
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)

#### Product Details

Immunogen:	This PDIA2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 210-239 amino acids from the Central region of human PDIA2.
Clone:	RB33867
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

#### Target Details

Target:	PDIA2
Alternative Name:	PDIA2 ( <a href="#">PDIA2 Products</a> )
Background:	Protein disulfide isomerases (EC 5.3.4.1), such as PDIP, are endoplasmic reticulum (ER) resident proteins that catalyze protein folding and thiol-disulfide interchange reactions (Desilva et al., 1996 [PubMed 8561901]).

## Target Details

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Molecular Weight:	58206
Gene ID:	64714
NCBI Accession:	<a href="#">NP_006840</a>
UniProt:	<a href="#">Q13087</a>
Pathways:	<a href="#">Maintenance of Protein Location</a> , <a href="#">Cell RedoxHomeostasis</a> , <a href="#">Unfolded Protein Response</a>

## Application Details

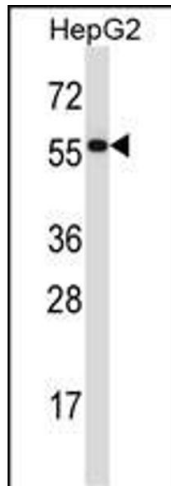
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Application Notes:	WB: 1:1000
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	PDIA2 Antibody (Center) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, place the at -20 °C.
Expiry Date:	6 months



### Western Blotting

**Image 1.** PDIA2 Antibody (Center) (ABIN657924 and ABIN2846871) western blot analysis in HepG2 cell line lysates (35 µg/lane). This demonstrates the PDIA2 antibody detected the PDIA2 protein (arrow).