BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

Anti-PDIA1 Antibody

Catalog Number: M02335-1

About P4HB

This multifunctional protein catalyzes the formation, breakage and rearrangement of disulfide bonds. At the cell surface, seems to act as a reductase that cleaves disulfide bonds of proteins attached to the cell. May therefore cause structural modifications of exofacial proteins. Inside the cell, seems to form/rearrange disulfide bonds of nascent proteins. At high concentrations, functions as a chaperone that inhibits aggregation of misfolded proteins. At low concentrations, facilitates aggregation (anti-chaperone activity). May be involved with other chaperones in the structural modification of the TG precursor in hormone biogenesis. Also acts a structural subunit of various enzymes such as prolyl 4-hydroxylase and microsomal triacylglycerol transfer protein MTTP.

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Overview

Product Name	Anti-PDIA1 Antibody
Reactive Species	Human
Description	Boster Bio Anti-PDIA1 Antibody (Catalog # M02335-1). Tested in WB application(s). This antibody reacts with Human.
Application	WB
Clonality	Monoclonal 1530CT836.11.53
Formulation	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Storage Instructions	Maintain refrigerated at 2-8°C for up to 2 weeks. For long-term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Host	Mouse
Uniprot ID	P07237

Technical Details

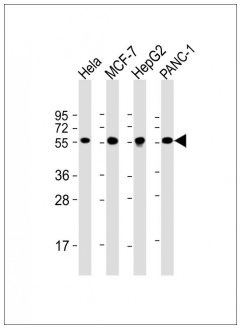
Immunogen	This PDIA1 antibody is generated from a mouse immunized with a recombinant protein of human PDIA1.
Predicted Reactive Species	Human

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Isotype	IgG1,k
Purification	This antibody is purified through a protein G column, followed by dialysis against PBS.
Suggested Dilutions	WB: 1:4000

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Anti-PDIA1 Antibody (M02335-1) Images



All lanes : Anti-PDIA1 Antibody at 1:4000 dilutionLane 1: Hela whole cell lysateLane 2: MCF-7 whole cell lysateLane 3: HepG2 whole cell lysateLane 4: PANC-1 whole cell lysateLysates/proteins at 20 µg per lane. SecondaryGoat Anti-mouse IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 57 kDaBlocking/Dilution buffer: 5% NFDM/TBST.

Anti-PDIA1 Antibody

For Research Use Only. Not for use in diagnostic procedures.