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anti-ERP29 antibody





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Overview

Quantity:	100 μL
Target:	ERP29
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This ERP29 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Purpose:	ERp29 Rabbit mAb
Immunogen:	A synthesized peptide derived from human ERp29
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	ERP29
Alternative Name:	ERP29 (ERP29 Products)
Background:	This gene encodes a protein which localizes to the lumen of the endoplasmic reticulum (ER). It

Target Details

is a member of the protein disulfide isomerase (PDI) protein family but lacks an active thioredoxin motif, suggesting that this protein does not function as a disulfide isomerase. The canonical protein dimerizes and is thought to play a role in the processing of secretory proteins within the ER. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Dec 2016],C12orf8, ERp28, ERp31, HEL-S-107, PDI-DB, PDIA9,Signal Transduction,ERP29

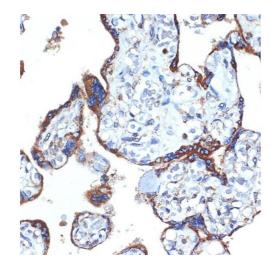
Molecular Weight:	29kDa
Gene ID:	10961
UniProt:	P30040

Application Details

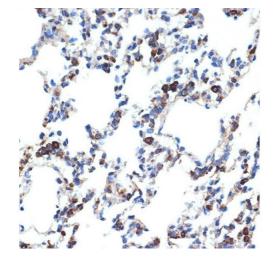
Application Notes:	WB,1:500 - 1:2000,IHC,1:50 - 1:200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.
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:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



60kDa— 45kDa— 25kDa— 15kDa— 15kDa—



Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human placenta using ERp29 Rabbit mAb (ABIN7266943) at dilution of 1:100 (40x lens).Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.

Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using ERp29 Rabbit mAb (ABIN7266943) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 μg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 180s.

Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded rat lung using ERp29 Rabbit mAb (ABIN7266943) at dilution of 1:100 (40x lens).Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.

Please check the product details page for more images. Overall 4 images are available for ABIN7266943.