ARG63579
anti-PDIA3 / ERp57 antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes PDIA3 / ERp57
Tested Reactivity	Hu, Ms
Predict Reactivity	Cow, Rat
Tested Application	WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	PDIA3 / ERp57
Species	Human
Immunogen	C-EEKPKKKKKAQEDL
Conjugation	Un-conjugated
Alternate Names	EC 5.3.4.1; Disulfide isomerase ER-60; HEL-S-93n; GRP57; p58; Endoplasmic reticulum resident protein 60; ER protein 57; ER protein 60; ERp57; GRP58; P58; 58 kDa glucose-regulated protein; 58 kDa microsomal protein; ER60; HEL-S-269; Protein disulfide-isomerase A3; PI-PLC; ERp60; ERp61; HsT17083; Endoplasmic reticulum resident protein 57

Application Instructions

Application table

Application	Dilution
WB	0.1 - 0.3 µg/ml

Application Note

WB: Recommend incubate at RT for 1h.
* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note	For laboratory research only, not for drug, diagnostic or other use.

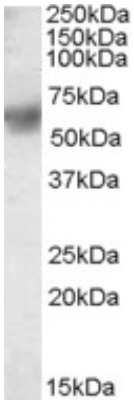
Bioinformation

Database links	GeneID: 14827 Mouse GeneID: 2923 Human Swiss-port # P27773 Mouse Swiss-port # P30101 Human
Background	This gene encodes a protein of the endoplasmic reticulum that interacts with lectin chaperones calreticulin and calnexin to modulate folding of newly synthesized glycoproteins. The protein was once thought to be a phospholipase; however, it has been demonstrated that the protein actually has protein disulfide isomerase activity. It is thought that complexes of lectins and this protein mediate protein folding by promoting formation of disulfide bonds in their glycoprotein substrates. [provided by RefSeq, Jul 2008]
Research Area	Signaling Transduction antibody
Calculated Mw	57 kDa

Images

ARG63579 anti-PDIA3 / ERp57 antibody WB image

Western blot: 35 µg of HepG2 lysate stained with ARG63579 anti-PDIA3 / ERp57 antibody at 1 µg/ml dilution.



ARG63579 anti-PDIA3 / ERp57 antibody WB image

Western blot: 35 µg of Daudi cell lysate (in RIPA buffer) stained with ARG63579 anti-PDIA3 / ERp57 antibody at 0.1 µg/ml dilution and incubated at RT for 1 hour.