ARG55326
anti-PDIA3 / ERp57 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes PDIA3 / ERp57
Tested Reactivity	Hu, Ms, Rat
Tested Application	ICC/IF, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	PDIA3 / ERp57
Species	Human
Immunogen	Recombinant protein of Human PDIA3 (NP_005304.3)
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
ICC/IF	1:50 - 1:200
IHC-P	1:50 - 1:200
WB	1:500 - 1:2000

Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.
Positive Control	Jurkat

Properties

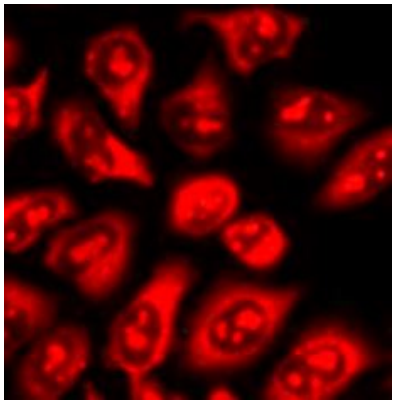
Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. 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

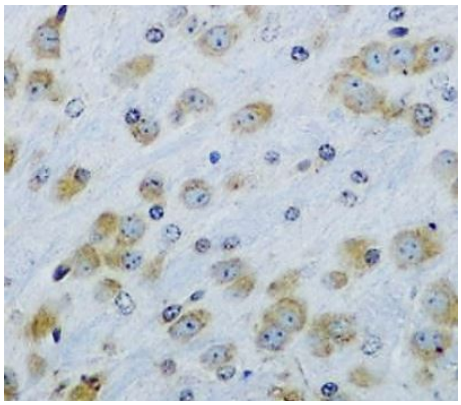
Gene Symbol	PDIA3
Gene Full Name	protein disulfide isomerase family A, member 3
Background	This gene encodes a protein of the endoplasmic reticulum that interacts with lectin chaperones calreticulin and calnexin to modulate folding of newly synthesized glycoproteins. The protein was once thought to be 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



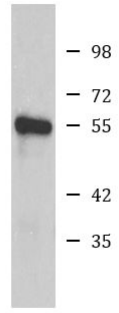
ARG55326 anti-PDIA3 / ERp57 antibody ICC/IF image

Immunofluorescence: HeLa cells stained with ARG55326 anti-PDIA3 / ERp57 antibody.



ARG55326 anti-PDIA3 / ERp57 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Mouse brain tissue stained with ARG55326 anti-PDIA3 / ERp57 antibody at 1:100 dilution.



Jurkat

ARG55326 anti-PDIA3 / ERp57 antibody WB image

Western blot: Jurkat cell lysate stained with ARG55326 anti-PDIA3 / ERp57 antibody.