

Rabbit ERp72 Polyclonal Antibody | anti-ERp72 antibody

ERp72 Antibody

CATALOG # AAA322940	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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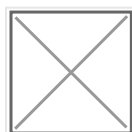
PRODUCT SYNONYMS

ERp72; Polyclonal Antibody; ERp72 Antibody; Calcium binding protein intestinal related; Endoplasmic reticulum resident protein 70; Endoplasmic reticulum resident protein 72; EPR70; EPR72; ER protein 70; ER protein 72; ERP 70; ERp 72; ERp-72; ERp70; PDIA 4; Pdia4; PDIA4_HUMAN; PDIR; Protein disulfide isomerase A4; Protein disulfide isomerase associated 4; Protein disulfide isomerase family A member 4; protein disulfide isomerase related protein (calcium-binding protein; intestinal-related); Protein disulfide isomerase related protein; Protein disulfide-isomerase A4; Protein ERp 72; Protein ERp72; anti-ERp72 antibody

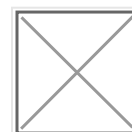
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	ERp72 antibody detects endogenous levels of ERp72.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	645
Applicable Applications for anti-ERp72 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human ERp72.
Subcellular Location	Endoplasmic Reticulum Lumen. Melanosome. Identified by mass spectrometry in melanosome fractions from stage I to stage IV.
Predicted Cross Reactivity	Horse, Rabbit, Chicken
Similarity	Horse (92%), Rabbit (92%), Chicken (83%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES


WB (Western Blot)

Western blot analysis of extracts from 293, using ERp72 antibody. Lane 1 was treated with the blocking peptide.


WB (Western Blot)

Western blot analysis of extracts of HepG2 cells, using ERp72 antibody.



IHC (Immunohistochemistry)

AAA322940 at 1/100 staining Mouse kidney tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-ERP72 antibody

Function: Was originally thought to be a deoxycytidine kinase.

Subunit Structure: Part of a large chaperone multiprotein complex comprising DNAJB11, HSP90B1, HSPA5, HYOU, PDIA2, PDIA4, PDIA6, PPIB, SDF2L1, UGT1A1 and very small amounts of ERP29, but not, or at very low levels, CALR nor CANX.

Similarity: Belongs to the protein disulfide isomerase family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4758304
NCBI GeneID	9601
NCBI Accession #	NP_004902.1
NCBI GenBank Nucleotide #	NM_004911.4
UniProt Accession #	P13667; Q549T6; A8K4K6
Molecular Weight	Observed: 72 kDa Predicted: 73 kDa
NCBI Official Full Name	protein disulfide-isomerase A4
NCBI Official Synonym Full Names	protein disulfide isomerase family A member 4
NCBI Official Symbol	PDIA4
NCBI Official Synonym Symbols	ERP70; ERP72; ERp-72
NCBI Protein Information	protein disulfide-isomerase A4
UniProt Protein Name	Protein disulfide-isomerase A4
UniProt Gene Name	PDIA4
UniProt Synonym Gene Names	ERP70; ERP72; ER protein 70; ERp70; ER protein 72; ERp-72; ERp72

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/erp72-antibody-immunohistochemistry-western-blot-elisa/322940>