

Rabbit ERD22 Polyclonal Antibody | anti-ERD22 antibody

ERD22 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324717	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

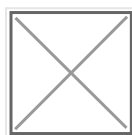
PRODUCT SYNONYMS

ERD22; Polyclonal Antibody; ERD22 Antibody; (Lys Asp Glu Leu) endoplasmic reticulum protein retention receptor 2; ELP 1; ELP-1; ELP1; ER lumen protein retaining receptor 2; ERD 2 like protein; ERD2 like protein 1; ERD2-like protein 1; ERD2.2; ERD22_HUMAN; FLJ45532; KDEL (Lys Asp Glu Leu) endoplasmic reticulum protein retention receptor 2; KDEL endoplasmic reticulum protein retention receptor 2; KDEL receptor 2; KDEL2; kdelr2; anti-ERD22 antibody

PRODUCT SPECIFICATIONS

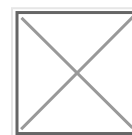
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	ERD22 antibody detects endogenous levels of total ERD22
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	186
Applicable Applications for anti-ERD22 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Endoplasmic Reticulum Membrane.
Predicted Cross Reactivity	Pig, Zebrafish, Bovine, Horse, Sheep, Rabbit, Dog, Chicken, Xenopus
Similarity	Pig (100%), Zebrafish (100%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%), Chicken (100%), Xenopus (100%)
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 HUVEC cells using ERD22 antibody.



IF (Immunofluorescence)

AAA324717 staining HuvEc cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-ERD22 antibody	Function: Required for the retention of luminal endoplasmic reticulum proteins. Determines the specificity of the luminal ER protein retention system. Also required for normal vesicular traffic through the Golgi. This receptor recognizes K-D-E-L. Similarity: Belongs to the ERD2 family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	154736713
NCBI GeneID	11014
NCBI Accession #	NP_001094073.1
NCBI GenBank Nucleotide #	NM_001100603.1
UniProt Accession #	P33947; Q6IPC5; Q96E30; A4D2P4
Molecular Weight	Observed: 24 kD Predicted: 25 kDa
NCBI Official Full Name	ER lumen protein-retaining receptor 2 isoform 2
NCBI Official Synonym Full Names	KDEL endoplasmic reticulum protein retention receptor 2
NCBI Official Symbol	KDELR2
NCBI Official Synonym Symbols	ELP-1; ERD2.2
NCBI Protein Information	ER lumen protein-retaining receptor 2
UniProt Protein Name	ER lumen protein-retaining receptor 2
UniProt Gene Name	KDELR2
UniProt Synonym Gene Names	ERD2.2; ELP-1; KDEL receptor 2

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/erd22-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/324717>