Rabbit ERD22 Polyclonal Antibody | anti-KDELR2 antibody

ERD22 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287754	**Rabbit**	**Human, mouse, rat**	**Immunofluorescence, ELISA, Western Blot**

PRODUCT SYNONYMS

ERD22; Polyclonal Antibody; ERD22 Antibody; ER lumen protein-retaining receptor 2; ERD2-like protein 1; ELP-1; KDEL endoplasmic reticulum protein retention receptor 2; KDEL receptor 2; KDELR2; anti-KDELR2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse, rat
Clonality	Polyclonal
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Positions	90-125
Sequence Length	186
Applicable Applications for anti-KDELR2 antibody	IF (Immunofluorescence), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES

IF (Immunofluorescence)
Immunofluorescence analysis of A549 cells, using ERD22 antibody.

WB (Western Blot)
Western blot analysis of lysates from U-87 MG cell line and human placenta tissue lysate(from left to right),using ERD22 Antibody(AAA287754). AAA287754 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody.Lysates at 35ug per lane.

ADDITIONAL INFORMATION

Related Product Information for anti-KDELR2 antibody	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.
Product Categories/Family for anti-KDELR2 antibody	Signal Transduction

References	Lewis M.J.,et al.J. Mol. Biol. 226:913-916(1992). Hsu V.W.,et al.Cell 69:625-635(1992). Ota T.,et al.Nat. Genet. 36:40-45(2004). Hillier L.W.,et al.Nature 424:157-164(2003). Scherer S.W.,et al.Science 300:767-772(2003).

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	24422
NCBI Official Full Name	ER lumen protein-retaining receptor 2 isoform 2
NCBI Official Synonym Full Names	KDEL (Lys-Asp-Glu-Leu) 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
UniProt Entry Name	ERD22_HUMAN

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-immunofluorescence-western-blot-elisa/287754