Rabbit KDEL Polyclonal Antibody | anti-KDEL antibody

KDEL Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA323676	**Rabbit**	**Human, Mouse, Rat**	**Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

KDEL; Polyclonal Antibody; KDEL Antibody; ER lumen protein retaining receptor 1; ERD 2; ERD2; ERD2.1; ERD21; HDEL; KDEL (Lys Asp Glu Leu) endoplasmic reticulum protein retention receptor 1; KDEL (Lys-Asp-Glu-Leu) 72 kD endoplasmic reticulum protein retention receptor 1; KDEL endoplasmic reticulum protein retention receptor 1; KDEL R1; KDEL receptor 1; KDELR 1; KDELR1; PM 23; PM23; Putative MAPK activating protein PM23; anti-KDEL antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
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	212
Applicable Applications for anti-KDEL antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human KDEL, corresponding to a region within the internal amino acids
Preparation and Storage	Store at -20°C. Stable for 12 months from date of receipt.

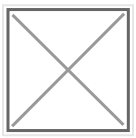
IMAGES



IHC (Immunohistochemisry)
AAA323676 at 1/100 staining Rat muscle 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 primary Ab at 4°C overnight. An HRP conjugated anti-Rabbit Ab was used as the secondary Ab.



IF (Immunofluorescence)
AAA323676 staining Hela cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100,then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab(AAA323676 1:200) and mouse anti-beta tubulin Ab(1:200) for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary Ab. The nuclear counter stain is DAPI(blue).



WB (Western Blot)
Western blot analysis of extracts from Rat brain, using KDEL Ab. The lane on the left was treated with blocking peptide.

NCBI AND UNIPROT INFORMATION

NCBI GI #	5803048
NCBI GeneID	10945
NCBI Accession #	NP_006792.1
NCBI GenBank Nucleotide #	NM_006801.2
UniProt Accession #	P24390; Q54A39; Q8NBW7; B2R6N4
Molecular Weight	78 kD
NCBI Official Full Name	ER lumen protein-retaining receptor 1
NCBI Official Synonym Full Names	KDEL endoplasmic reticulum protein retention receptor 1
NCBI Official Symbol	KDELR1
NCBI Official Synonym Symbols	ERD2; HDEL; PM23; ERD2.1
NCBI Protein Information	ER lumen protein-retaining receptor 1
UniProt Protein Name	ER lumen protein-retaining receptor 1
UniProt Gene Name	**KDELR1**
UniProt Synonym Gene Names	ERD2.1; KDEL receptor 1

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/kdel-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/323676