Rabbit KDELR2 Polyclonal Antibody | anti-KDELR2 antibody

Rabbit anti-KDELR2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA223933	**Rabbit**	**Human, Mouse, Rat, Bovine, Chicken, Pig, Sheep, Zebrafish**	**Immunofluorescence, Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat, Bovine, Chicken, Pig, Sheep, Zebrafish
Clonality	Polyclonal
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-KDELR2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human KDELR2. The exact sequence is proprietary.
Preparation and Storage	Store at -20 degree C. Avoid repeated freeze/thaw cycles.

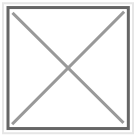
IMAGES



IF (Immunofluorescence)
Immunofluorescent analysis of KDELR2 staining in A549 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).



IHC (Immunohiostchemistry)
Immunohistochemical analysis of KDELR2 staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)
Western blot analysis of KDELR2 expression in SHSY5Y (A), NIH3T3 (B) whole cell lysates.

ADDITIONAL INFORMATION

Product Categories/Family for anti-KDELR2 antibody	Primary antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	154736713
NCBI GeneID	11014
NCBI Accession #	NP_001094073.1
NCBI GenBank Nucleotide #	NM_001100603.1
UniProt Accession #	P33947; Q9CQM2; Q5U305
Molecular Weight	24,422 Da
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; KDEL receptor 2; ERD-2-like protein; ERD2-like protein 1; KDEL endoplasmic reticulum protein retention receptor 2; (Lys-Asp-Glu-Leu) endoplasmic reticulum protein retention receptor 2
UniProt Protein Name	ER lumen protein retaining receptor 2
UniProt Gene Name	**KDELR2**
UniProt Synonym Gene Names	ERD2.2; ELP-1
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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