



[Go to Product page](#)

Datasheet for ABIN2795626
anti-KDEL1 antibody (C-Term)

Overview

Quantity:	400 µL
Target:	KDEL1
Binding Specificity:	AA 185-211, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)

Product Details

Purpose:	Rabbit Anti-Human KDEL1 (C-term) Antibody
Immunogen:	This KDEL1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 185-211 amino acids from the C-terminal region of human KDEL1.
Isotype:	Ig Fraction

Target Details

Target:	KDEL1
Alternative Name:	KDEL1 (KDEL1 Products)
Background:	Target Description: Retention of resident soluble proteins in the lumen of the endoplasmic reticulum (ER) is achieved in both yeast and animal cells by their continual retrieval from the cis-Golgi, or a pre-Golgi compartment. Sorting of these proteins is dependent on a C-terminal tetrapeptide signal, usually lys-asp-glu-leu (KDEL) in animal cells, and his-asp-glu-leu (HDEL) in

Target Details

S. cerevisiae. This process is mediated by a receptor that recognizes, and binds the tetrapeptide-containing protein, and returns it to the ER. In yeast, the sorting receptor encoded by a single gene, ERD2, which is a seven-transmembrane protein. Unlike yeast, several human homologs of the ERD2 gene, constituting the KDEL receptor gene family, have been described. The protein encoded by this gene was the first member of the family to be identified, and it encodes a protein structurally and functionally similar to the yeast ERD2 gene product.

Gene Symbol: KDELR1

Molecular Weight: 24542 Da

Gene ID: 10945

UniProt: [P24390](#)

Pathways: [Maintenance of Protein Location](#)

Application Details

Application Notes: Western Blot
Recommended Dilutions
WB: 1:1000KDELR1 Antibody (C-term) .

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.470 mg/mL

Storage: 4 °C, -20 °C

Storage Comment: 2-8°C (short-term), -20°C (long-term)