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Datasheet for ABIN5518021 **anti-KDEL1 antibody (Middle Region)**

Overview

Quantity:	100 µL
Target:	KDEL1
Binding Specificity:	Middle Region
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KDEL1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human KDEL1
Sequence:	LFVNLGDWPL EKKKSNSNIH PIFSWCGSTD SKDIVMPTYD LTDSVLETMG
Purification:	Affinity purified

Target Details

Target:	KDEL1
Alternative Name:	KDEL1 (KDEL1 Products)
Background:	This gene encodes a protein product localized to the lumen of the endoplasmic reticulum. As a member of the endoplasmic reticulum protein family the encoded protein contains a Lys-Asp-Glu-Leu or KDEL motif located at the extreme C-terminus which prevents all endoplasmic reticulum resident proteins from being secreted. Proteins carrying this motif are bound by a

Target Details

receptor in the Golgi apparatus so that the receptor-ligand complex returns to the endoplasmic reticulum. A processed non-transcribed pseudogene located in an intron of a sodium transporter gene on chromosome 5 has been defined for this gene.

Alias Symbols: EP58, KDEL1

Protein Size: 982

Gene ID: 79070

NCBI Accession: [NM_024089](#), [NP_076994](#)

UniProt: [Q6UW63](#)

Pathways: [SARS-CoV-2 Protein Interactome](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.