

**KDEL2 Antibody - C-terminal region**  
**Rabbit Polyclonal Antibody**  
**Catalog # AI15859****Specification**

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**KDEL2 Antibody - C-terminal region - Product Information**

Application	WB
Primary Accession	<a href="#">O7Z4H8</a>
Other Accession	<a href="#">NM_153705</a> , <a href="#">NP_714916</a>
Reactivity	Human, Mouse, Rat, Rabbit, Horse, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	56kDa KDa

**KDEL2 Antibody - C-terminal region - Additional Information****Gene ID** 143888**Other Names**

KDEL motif-containing protein 2, KDEL2

**Format**

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

**Reconstitution & Storage**

Add 50 ul of distilled water. Final anti-KDEL2 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

**Precautions**

KDEL2 Antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

**KDEL2 Antibody - C-terminal region - Protein Information****Name** POGLUT3 {ECO:0000303|PubMed:30127001, ECO:0000312|HGNC:HGNC:28496}**Function**

Protein glucosyltransferase that catalyzes the transfer of glucose from UDP-glucose to a serine residue within the consensus sequence peptide C-X-N-T-X-G-S-F-X-C (PubMed:&lt;a href="http://www.uniprot.org/citations/30127001" target="\_blank"&gt;30127001&lt;/a&gt;). Can also catalyze the transfer of xylose from UDP-xylose but less efficiently (PubMed:&lt;a href="http://www.uniprot.org/citations/30127001" target="\_blank"&gt;30127001&lt;/a&gt;). Specifically targets extracellular EGF repeats of proteins such as NOTCH1, NOTCH3, FBN1, FBN2 and LTBP1 (PubMed:&lt;a href="http://www.uniprot.org/citations/30127001" target="\_blank"&gt;30127001&lt;/a&gt;, PubMed:&lt;a href="http://www.uniprot.org/citations/34411563" target="\_blank"&gt;34411563&lt;/a&gt;).

May regulate the transport of NOTCH1 and NOTCH3 to the plasma membrane and thereby the Notch signaling pathway (PubMed:<a href="http://www.uniprot.org/citations/30127001" target="\_blank">30127001</a>).

#### Cellular Location

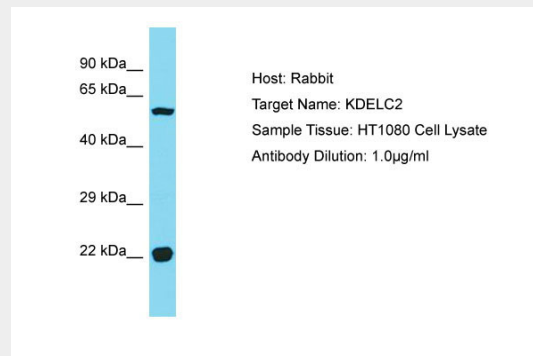
Endoplasmic reticulum lumen {ECO:0000255|PROSITE- ProRule:PRU10138}

### KDEL2 Antibody - C-terminal region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### KDEL2 Antibody - C-terminal region - Images



Host: Rabbit  
Target Name: KDEL2  
Sample Tissue: HT1080 Whole cell lysate  
s  
Antibody Dilution: 1.0µg/ml

### KDEL2 Antibody - C-terminal region - References

Ding P.,et al.Submitted (JUL-2002) to the EMBL/GenBank/DDBJ databases.  
Clark H.F.,et al.Genome Res. 13:2265-2270(2003).  
Ota T.,et al.Nat. Genet. 36:40-45(2004).  
Chen R.,et al.J. Proteome Res. 8:651-661(2009).  
Burkard T.R.,et al.BMC Syst. Biol. 5:17-17(2011).