

KDELC2 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP5169a**Specification**

KDELC2 Antibody (N-term) Blocking Peptide - Product InformationPrimary Accession [Q7Z4H8](#)**KDELC2 Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 143888**Other Names**

KDEL motif-containing protein 2, KDELC2

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

KDELC2 Antibody (N-term) Blocking Peptide - 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:30127001). Can also catalyze the transfer of xylose from UDP-xylose but less efficiently (PubMed:30127001). Specifically targets extracellular EGF repeats of proteins such as NOTCH1, NOTCH3, FBN1, FBN2 and LTBP1 (PubMed:30127001, PubMed:34411563). May regulate the transport of NOTCH1 and NOTCH3 to the plasma membrane and thereby the Notch signaling pathway (PubMed:30127001).

Cellular Location

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

KDELC2 Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

KDEL2 Antibody (N-term) Blocking Peptide - Images

KDEL2 Antibody (N-term) Blocking Peptide - Background

The function of this protein has not been specifically defined.

KDEL2 Antibody (N-term) Blocking Peptide - References

Clark, H.F., et al. Genome Res. 13(10):2265-2270(2003)