

KDELC2 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP56472

Product Information

Application	IHC-P, IHC-F, IF, ICC, E
Primary Accession	Q7Z4H8
Reactivity	Rat, Pig, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	58572

Additional Information

Gene ID	143888
Other Names	Protein O-glucosyltransferase 3, 2.4.1.-, KDEL motif-containing protein 2 {ECO:0000312 HGNC:HGNC:28496}, Protein O-xylosyltransferase POGLUT3, 2.4.2.-, POGLUT3 {ECO:0000303 PubMed:30127001, ECO:0000312 HGNC:HGNC:28496}
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

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}