10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

SEL1L Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP16575a

Product Information

Application	WB, E
Primary Accession	Q9UBV2
Other Accession	NP_005056.3
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB30336
Calculated MW	88755
Antigen Region	83-112

Additional Information

Gene ID	6400
Other Names	Protein sel-1 homolog 1, Suppressor of lin-12-like protein 1, Sel-1L, SEL1L, TSA305
Target/Specificity	This SEL1L antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 83-112 amino acids from the N-terminal region of human SEL1L.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	SEL1L Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	SEL1L {ECO:0000303|PubMed:10746565}
Function	Plays a role in the endoplasmic reticulum quality control (ERQC) system also called ER-associated degradation (ERAD) involved in ubiquitin-dependent degradation of misfolded endoplasmic reticulum proteins

(PubMed:16186509, PubMed:29997207, PubMed:37943610, PubMed:37943617). Enhances SYVN1 stability. Plays a role in LPL maturation and secretion. Required for normal differentiation of the pancreas epithelium, and for normal exocrine function and survival of pancreatic cells. May play a role in Notch signaling.

Cellular Location Endoplasmic reticulum membrane; Single-pass type I membrane protein

Tissue Location Highly expressed in pancreas.

Background

SEL1L may play a role in Notch signaling (By similarity). May be involved in the endoplasmic reticulum quality control (ERQC) system also called ER-associated degradation (ERAD) involved in ubiquitin-dependent degradation of misfolded endoplasmic reticulum proteins.

References

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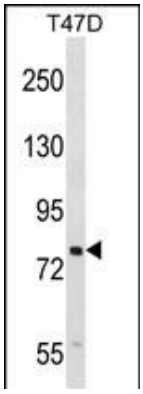
Riemer, J., et al. Proc. Natl. Acad. Sci. U.S.A. 106(35):14831-14836(2009)
Cormier, J.H., et al. Mol. Cell 34(5):627-633(2009)
Oresic, K., et al. Biosci. Rep. 29(3):173-181(2009)
Cattaneo, M., et al. J. Biol. Chem. 284(17):11405-11415(2009)

Images



SEL1L Antibody (N-term) (Cat. #AP16575a) western blot analysis in T47D cell line lysates (35ug/lane).This demonstrates the SEL1L antibody detected the SEL1L protein (arrow).