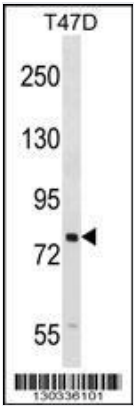
SEL1L Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	SEL1L, Polyclonal Antibody
Full Product Name	SEL1L, NT (SEL1L, TSA305, Protein sel-1 homolog 1, Suppressor of lin-12-like protein 1) (APC)
Product Gene Name	anti-SEL1L antibody
Product Synonym Names	SEL1L; TSA305; Protein sel-1 homolog 1; Suppressor of lin-12-like protein 1
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Allophycocyanin (APC).
Purity/Purification	Purified by Protein A Affinity Chromatography.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: APC conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	33,530 Da
OMIM	602329
3D Structure	ModBase 3D Structure for Q9UBV2
Immunogen	SEL1L antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 82-112 amino acids from the N-terminal region of human SEL1L.
Conjugate	APC
Note	Preservative Free
Special Handling	Light sensitive
Product Categories/Family for anti-SEL1L antibody	Antibodies; Proteins
Applications Tested/Suitable for anti-SEL1L antibody	Western Blot (WB), FLISA
Application Notes for anti-SEL1L antibody	WB: 1:100-500 FLISA: 1:1,000 Applications are based on unconjugated antibody.
Related Product Information for anti-SEL1L antibody	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.
Product References and Citations for anti-SEL1L antibody	Ban, H.J., et al. BMC Genet. 11, 26 (2010): 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).
Other Notes	Small volumes of anti-SEL1L antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

Searchable Terms for SEL1L purchase	MBS6345878 is an antibody targeting SEL1L. Also known as SEL1L, NT (SEL1L, TSA305, Protein sel-1 homolog 1, Suppressor of lin-12-like protein 1) (APC). Reactive in Human. Host: Rabbit.



Western Blot (WB) of anti-SEL1L antibody
SEL1L Antibody (N-term) western blot analysis in T47D cell line lysates (35ug/lane).This demonstrates the SEL1L antibody detected the SEL1L protein (arrow).

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for SEL1L. It may not necessarily be applicable to this product.

NCBI GI #	19923669
NCBI GeneID	6400
NCBI Accession #	NP_005056.3
UniProt Primary Accession #	Q9UBV2
UniProt Secondary Accession #	Q6UWT6; Q9P1T9; Q9UHK7
UniProt Related Accession #	Q9UBV2
GenBank Nucleotide #	NM_005065.5
NCBI Official Full Name	protein sel-1 homolog 1 isoform 1
NCBI Official Synonym Full Names	SEL1L ERAD E3 ligase adaptor subunit
NCBI Official Symbol	SEL1L
NCBI Official Synonym Symbols	SEL1L1; PRO1063; SEL1-LIKE
UniProt Protein Name	Protein sel-1 homolog 1
UniProt Synonym Protein Names	Suppressor of lin-12-like protein 1; Sel-1L
Protein Family	Protein
UniProt Gene Name	SEL1L
UniProt Synonym Gene Names	TSA305; UNQ128/PRO1063; Sel-1L
UniProt Entry Name	SE1L1_HUMAN
NCBI Protein Information	protein sel-1 homolog 1
NCBI Summary for SEL1L	The protein encoded by this gene is part of a protein complex required for the retrotranslocation or dislocation of misfolded proteins from the endoplasmic reticulum lumen to the cytosol, where they are degraded by the proteasome in a ubiquitin-dependent manner. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2011]

UniProt Comments for SEL1L	SEL1L: May play a role in Notch signaling. 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. Belongs to the sel-1 family. 2 isoforms of the human protein are produced by alternative splicing. Protein type: Membrane protein, integral Chromosomal Location of Human Ortholog: 14q31 Cellular Component: endoplasmic reticulum membrane; integral to membrane Molecular Function: protein binding Biological Process: Notch signaling pathway; ER-associated protein catabolic process
Research Articles on SEL1L	**1.** this is the first study reporting a significant association of the SEL1L SNP rs12435998 constitutive genetic variant with an improved overall survival in glioblastoma multiforme patients
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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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Online datasheet: https://www.mybiosource.com/polyclonal-human-antibody/sel1l/6345878