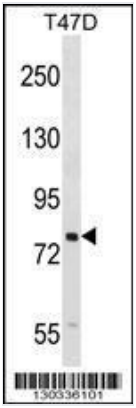
SEL1L Antibody – Rabbit Polyclonal

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)
Product Gene Name	anti-SEL1L antibody
Product Synonym Names	Anti -SEL1L, NT (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, 0.09% sodium azide.
Purity/Purification	Affinity Purified Purified by Protein A affinity chromatography.
Specificity	Human
Preparation and Storage	May be stored at 4 degree C for short-term only. Aliquot to avoid repeated freezing and thawing. Store at -20 degree C. Aliquots are stable for 12 months. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
Molecular Weight	88,755 Da
Chromosome Location	Chromosome: 14; NC_000014.8 (81937891..82000205, complement). Location: 14q31
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.
Product Categories/Family for anti-SEL1L antibody	Antibodies; Abs to Proteins
Applications Tested/Suitable for anti-SEL1L antibody	ELISA (EL/EIA), Western Blot (WB)
Application Notes for anti-SEL1L antibody	Suitable for use in Western Blot, ELISA Dilution: ELISA: 1:1,000 Western Blot: 1:100-500
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.
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	MBS6008690 is an antibody targeting SEL1L. Also known as SEL1L, NT (SEL1L, TSA305, Protein sel-1 homolog 1, Suppressor of lin-12-like protein 1). 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 #	6690530
NCBI GeneID	6400
NCBI Accession #	AAF24176.1
UniProt Primary Accession #	Q9UBV2
UniProt Secondary Accession #	Q6UWT6; Q9P1T9; Q9UHK7
UniProt Related Accession #	Q9UBV2
NCBI Official Full Name	SEL1L, partial
NCBI Official Synonym Full Names	sel-1 suppressor of lin-12-like (C. elegans)
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
Protein Family	Protein
UniProt Gene Name	SEL1L
UniProt Synonym Gene Names	TSA305; Sel-1L
UniProt Entry Name	SE1L1_HUMAN
NCBI Protein Information	protein sel-1 homolog 1; sel-1 suppressor of lin-12-like 1; suppressor of lin-12-like protein 1; Suppressor of lin 12 (sel-1), C. elegans, homolog of
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: ER-associated protein catabolic process; Notch signaling pathway
Research Articles on SEL1L	**1.** ERdj5, by binding to Sel1L, triggers BiP-Cholera toxin interaction proximal to the Hrd1 complex; postulate this scenario enables the Hrd1-associated retrotranslocation machinery to capture the toxin efficiently once the toxin is released from BiP
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