

Goat Anti-SEL1L Antibody
Peptide-affinity purified goat antibody
Catalog # AF1966a

Specification

Goat Anti-SEL1L Antibody - Product Information

Application	WB
Primary Accession	O9UBV2
Other Accession	NP_005056 , 6400 , 20338 (mouse) , 314352 (rat)
Reactivity	Human
Predicted	Mouse, Rat, Pig, Dog
Host	Goat
Clonality	Polyclonal
Concentration	100ug/200ul
Isotype	IgG
Calculated MW	88755

Goat Anti-SEL1L Antibody - Additional Information

Gene ID 6400

Other Names

Protein sel-1 homolog 1, Suppressor of lin-12-like protein 1, Sel-1L, SEL1L, TSA305

Format

0.5 mg IgG/ml in Tris saline (20mM Tris pH7.3, 150mM NaCl), 0.02% sodium azide, with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

Goat Anti-SEL1L Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Goat Anti-SEL1L Antibody - Protein Information

Name SEL1L

Synonyms TSA305

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:<a href="http://www.uniprot.org/citations/29997207"

target="_blank">29997207). 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.

Goat Anti-SEL1L Antibody - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Goat Anti-SEL1L Antibody - Images



AF1966a (1 µg/ml) staining of HepG2 lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Goat Anti-SEL1L Antibody - References

Identification of type 2 diabetes-associated combination of SNPs using support vector machine. Ban HJ, et al. BMC Genet, 2010 Apr 23. PMID 20416077.
A luminal flavoprotein in endoplasmic reticulum-associated degradation. Riemer J, et al. Proc Natl Acad Sci U S A, 2009 Sep 1. PMID 19706418.
EDEM1 recognition and delivery of misfolded proteins to the SEL1L-containing ERAD complex. Cormier JH, et al. Mol Cell, 2009 Jun 12. PMID 19524542.
Functional characterization of two secreted SEL1L isoforms capable of exporting unassembled substrate. Cattaneo M, et al. J Biol Chem, 2009 Apr 24. PMID 19204006.
Cln6 mutants associated with neuronal ceroid lipofuscinosis are degraded in a proteasome-dependent manner. Oresic K, et al. Biosci Rep, 2009 Jun. PMID 18811591.