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

SEL1L Rabbit pAb

Catalog # AP96481

Product Information

Application	WB, IHC-P, IHC-F, IF, E
Primary Accession	Q12916
Other Accession	Q12916
Reactivity	Mouse
Predicted	Rat, Pig, Human, Rabbit
Host	Rabbit
Clonality	Polyclonal
Calculated MW	89 KDa
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human SEL1L
Epitope Specificity	151-250/794
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the sel-1 family.Contains 1 fibronectin type-II domain.Contains 11 Sel1-like repeats.
SUBUNIT	Part of a complex containing SEL1L, SYVN1 and DERL2. May form a complex with ERLEC1, HSPA5, OS9, and SYVN1. Interacts with FOXRED2 and EDEM1.
Post-translational modifications	N-glycosylated.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	SEL1L, highly similar to the C elegans sel-1 gene, is a recently cloned human gene whose function is under investigation. SEL1L is differentially expressed in tumors and normal tissues and seems to play a role in tumor growth and aggressiveness. It may be an important negative regulator of the "notch" pathway which acts as a key regulator of the cellular proliferation and specification processes in both vertebrates and invertebrates. SEL1L may function in the protein degradation processes through the ubiquitin-proteosome system and perhaps in regulating important pathways such TGF-beta. It is ubiquitously expressed only in fetal and neoplastic tissues. In normal adult tissues is highly expressed in the acini and in the alpha cells of the pancreas; in general it is highly represented in secretory cells such as plasma cells.

Additional Information

Gene ID	6400
Other Names	Hrd3; NEDGSAF; NEDHGFA; PRO1063; SEL1-LIKE; SEL1L1; Sel1h; mKIAA4137; Sel1l; Q12916_HUMAN; SE1L1_HUMAN; Suppressor of lin-12-like protein 1 (Sel-1L); TSA305; SE1L1_MOUSE; SE1L1_RAT; SEL1L adaptor subunit of SYVN1 ubiquitin ligase; sel-1 suppressor of lin-12-like (C. elegans); SEL1L, ERAD E3

	ligase adaptor subunit; SEL1L adaptor subunit of ERAD E3 ubiquitin ligase; sel-1 suppressor of lin-12-like 1 (C. elegans)
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=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	SEL1L Rabbit pAb
Function	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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.