

Rabbit anti-Human RAB3IL1 Polyclonal Antibody | anti-RAB3IL1 antibody

RAB3IL1 Antibody (C-term)

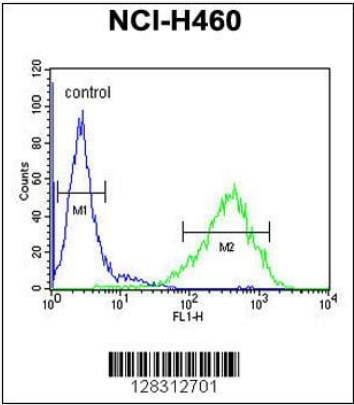
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288600	Rabbit	Human	Flow Cytometry, Functional Assay, ELISA, Western Blot

PRODUCT SYNONYMS

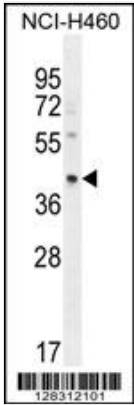
RAB3IL1; Polyclonal Antibody; RAB3IL1 Antibody (C-term); Guanine nucleotide exchange factor for Rab-3A; Rab-3A-interacting-like protein 1; Rab3A-interacting-like protein 1; Rabin3-like 1; anti-RAB3IL1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This RAB3IL1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 297-325 amino acids from the C-terminal region of human RAB3IL1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/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.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	297-325
Sequence Length	356
Applicable Applications for anti-RAB3IL1 antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
RAB3IL1 Antibody (C-term) flow cytometric analysis of NCI-H460 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
RAB3IL1 Antibody (C-term) western blot analysis in NCI-H460 cell line lysates (35ug/lane).This demonstrates the RAB3IL1 antibody detected the RAB3IL1 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-RAB3IL1 antibody	Guanine nucleotide exchange factor (GEF) for Rab3A, a GTPase that regulates synaptic vesicle exocytosis (By similarity).
Product Categories/Family for anti-RAB3IL1 antibody	Neuroscience; Signal Transduction
References	Venkatesan, K., et al. Nat. Methods 6(1):83-90(2009) Luo, H.R., et al. Neuron 31(3):439-451(2001)

NCBI AND UNIPROT INFORMATION

NCBI GI #	410991936
NCBI GeneID	5866
NCBI Accession #	NP_001258615.1; NP_037533.2
NCBI GenBank Nucleotide #	NM_001271686.1
UniProt Accession #	Q8TBN0; Q86V32; Q9P1Q8
Molecular Weight	42637
NCBI Official Full Name	guanine nucleotide exchange factor for Rab-3A isoform 2
NCBI Official Synonym Full Names	RAB3A interacting protein (rabin3)-like 1
NCBI Official Symbol	RAB3IL1
NCBI Official Synonym Symbols	GRAB
NCBI Protein Information	guanine nucleotide exchange factor for Rab-3A
UniProt Protein Name	Guanine nucleotide exchange factor for Rab-3A
UniProt Gene Name	RAB3IL1
UniProt Synonym Gene Names	Rab3A-interacting-like protein 1
UniProt Entry Name	R3GEF_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

