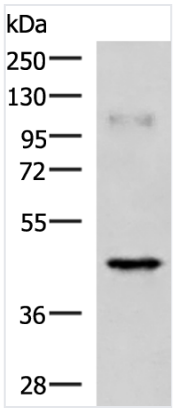
RAB3IL1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	RAB3IL1, Polyclonal Antibody
Full Product Name	RAB3IL1 Polyclonal Antibody
Product Gene Name	anti-RAB3IL1 antibody
Product Synonym Names	GRAB; Guanine nucleotide exchange factor for Rab 3A; Guanine nucleotide exchange factor for Rab-3A; Guanine nucleotide exchange factor for Rab3A; R3GEF; Rab-3A-interacting-like protein 1; Rab3A interacting like protein 1; RAB3A interacting protein (rabin3) like 1; Rab3A-interacting-like protein 1; RAB3IL1; Rabin3 like 1; Rabin3-like 1
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Form/Format	PBS with 0.05% NaN3 and 40% Glycerol, pH7.4
Purity/Purification	Antigen Affinity Purification
Concentration	1.32mg/mL (lot specific)
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.
Molecular Weight	43 kDa
3D Structure	ModBase 3D Structure for Q8TBN0
Immunogen	Fusion protein of human RAB3IL1
Conjugation	Unconjugated
Product Categories/Family for anti-RAB3IL1 antibody	Neuroscience; Signal Transduction
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-RAB3IL1 antibody	Western Blot (WB), ELISA (EIA)
Application Notes for anti-RAB3IL1 antibody	WB: 1:1000-1:5000 ELISA: 1:5000-1:10000
Related Product Information for anti-RAB3IL1 antibody	This gene encodes a guanine nucleotide exchange factor for the ras-related protein Rab3A. The encoded protein binds Rab3a and the inositol hexakisphosphate kinase InsP6K1. Alternative splicing results in multiple transcript variants. A related pseudogene has been identified on chromosome 7.
Other Notes	Small volumes of anti-RAB3IL1 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 RAB3IL1 purchase	MBS2562828 is an antibody targeting RAB3IL1. Also known as RAB3IL1 Polyclonal Antibody. Reactive in Human, Mouse, Rat. Host: Rabbit.



Western Blot (WB) of anti-RAB3IL1 antibody
Western blot analysis of Human muscle tissue lysate using RAB3IL1 Polyclonal Antibody at dilution of 1:1000

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for RAB3IL1. It may not necessarily be applicable to this product.

NCBI GI #	410991936
NCBI GeneID	5866
NCBI Accession #	NP_001258615.1
NCBI Related Accession #	BC022239
UniProt Primary Accession #	Q8TBN0
UniProt Related Accession #	Q8TBN0
GenBank Nucleotide #	NP_001258615.1
NCBI Official Full Name	guanine nucleotide exchange factor for Rab-3A isoform 2
NCBI Official Synonym Full Names	RAB3A interacting protein like 1
NCBI Official Symbol	RAB3IL1
NCBI Official Synonym Symbols	GRAB
UniProt Protein Name	Guanine nucleotide exchange factor for Rab-3A
UniProt Synonym Protein Names	Rab-3A-interacting-like protein 1; Rab3A-interacting-like protein 1; Rabin3-like 1
Protein Family	Guanine nucleotide exchange factor
UniProt Gene Name	RAB3IL1
UniProt Synonym Gene Names	Rab3A-interacting-like protein 1
UniProt Entry Name	R3GEF_HUMAN
NCBI Protein Information	guanine nucleotide exchange factor for Rab-3A
UniProt Comments for RAB3IL1	RAB3IL1: Guanine nucleotide exchange factor (GEF) for Rab3A, a GTPase that regulates synaptic vesicle exocytosis. Belongs to the SEC2 family. 2 isoforms of the human protein are produced by alternative splicing. Protein type: GEFs; GEFs, Rab Chromosomal Location of Human Ortholog: 11q12.2 Molecular Function: protein binding; Rab guanyl-nucleotide exchange factor activity

Research Articles on RAB3IL1	**1.** Intermediates in the guanine nucleotide exchange reaction of Rab8 protein catalyzed by guanine nucleotide exchange factors Rabin8 and GRAB.
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