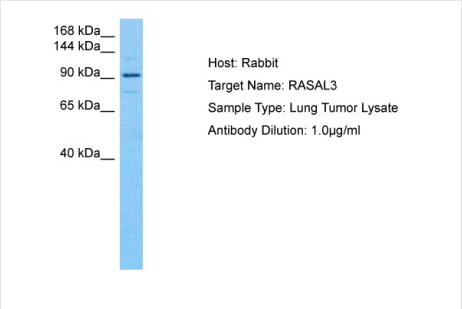
RASAL3 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	RASAL3, Polyclonal Antibody
Full Product Name	RASAL3 Antibody - N-terminal region
Product Gene Name	anti-RASAL3 antibody
Immunogen Sequence	Synthetic peptide located within the following region: SRTSRLRLSK ALWGRHKNPP PEPDPEPEQE APELEPEPEL EPPTPQIPEA
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Purity/Purification	Affinity purified
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.
Molecular Weight	103 kDa
3D Structure	ModBase 3D Structure for Q86YV0
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human RASAL3
Product Categories/Family for anti-RASAL3 antibody	Polyclonal; Protein Kinases; Signaling Intermediate; Immunology; Signal Transduction
Applications Tested/Suitable for anti-RASAL3 antibody	Western Blot (WB)
Related Product Information for anti-RASAL3 antibody	This gene belongs to the Ras GTPase-activating proteins (RasGAP) family and encodes a protein with pleckstrin homology (PH), C2, and Ras GTPase-activation protein (RasGAP) domains. This protein is localized near or at the plasma membrane when expressed exogenously. Reduced expression of this gene in some cell lines resulted in increased levels of the active form of Ras (Ras-GTP), suggesting that this gene may play a role in negatively regulating the Ras signaling pathway. Alternative splicing results in multiple transcript variants encoding different isoforms.Â
Other Notes	Small volumes of anti-RASAL3 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 RASAL3 purchase	MBS3221133 is an antibody targeting RASAL3. Also known as RASAL3 Antibody - N-terminal region. Reactive in Human. Host: Rabbit.



Western Blot (WB) of anti-RASAL3 antibody
Host: RabbitTarget Name: RASAL3Sample Tissue: Human Lung Tumor lysatesAntibody Dilution: 1ug/ml

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for RASAL3. It may not necessarily be applicable to this product.

NCBI GI #	130502162
NCBI GeneID	64926
NCBI Accession #	NP_075055.1
UniProt Primary Accession #	Q86YV0
UniProt Related Accession #	Q86YV0
GenBank Nucleotide #	NM_022904.1
NCBI Official Full Name	RAS protein activator like-3 isoform 1
NCBI Official Synonym Full Names	RAS protein activator like 3
NCBI Official Symbol	RASAL3
UniProt Protein Name	RAS protein activator like-3
Protein Family	RAS protein activator
UniProt Gene Name	RASAL3
UniProt Entry Name	RASL3_HUMAN
NCBI Protein Information	RAS protein activator like-3
NCBI Summary for RASAL3	This gene belongs to the Ras GTPase-activating proteins (RasGAP) family and encodes a protein with pleckstrin homology (PH), C2, and Ras GTPase-activation protein (RasGAP) domains. This protein is localized near or at the plasma membrane when expressed exogenously. Reduced expression of this gene in some cell lines resulted in increased levels of the active form of Ras (Ras-GTP), suggesting that this gene may play a role in negatively regulating the Ras signaling pathway. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jan 2017]
UniProt Comments for RASAL3	Function: May function as a Ras GTPase-activating protein By similarity. Sequence similarities: Contains 1 C2 domain.Contains 1 PH domain.Contains 1 Ras-GAP domain. Sequence caution: The sequence AAH30281.1 differs from that shown. Reason: Erroneous initiation. The sequence BAB15064.1 differs from that shown. Reason: Erroneous initiation. The sequence BAC56928.1 differs from that shown. Reason: Erroneous initiation. Translation N-terminally shortened.The sequence BAC56928.1 differs from that shown. Reason: Erroneous termination at position 723. Translated as Arg.
Research Articles on RASAL3	**1.** identified a novel Ras GTPase-activating proteins protein, RASAL3, which is predominantly expressed in cells of hematopoietic lineages, including NKT, B, and T cells

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