

Rabbit anti-Human RASAL3 Polyclonal Antibody | anti-RASAL3 antibody

RASAL3 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289227	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

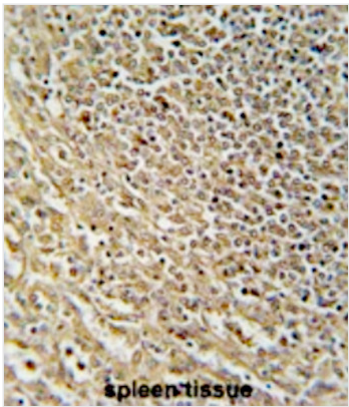
PRODUCT SYNONYMS

RASAL3; Polyclonal Antibody; RASAL3 Antibody (C-term); RAS protein activator like-3; anti-RASAL3 antibody

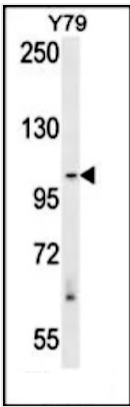
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	This RASAL3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 947-975 amino acids from the C-terminal region of human RASAL3.
Purity/Purification	This antibody is purified through a protein A column, followed by peptide affinity purification.
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Sequence Positions	947-975
Sequence Length	1011
Applicable Applications for anti-RASAL3 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Function	Functions as a Ras GTPase-activating protein. Plays an important role in the expansion and functions of natural killer T (NKT) cells in the liver by negatively regulating RAS activity and the down- stream ERK signaling pathway.
Cellular Location	Cytoplasm. Cytoplasm, cell cortex
Tissue Location	Predominantly expressed in cells of hematopoietic lineages.
Preparation and Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)
RASAL3 Antibody (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human spleen tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the RASAL3 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
RASAL3 Antibody (C-term) western blot analysis in Y79 cell line lysates (35ug/lane). This demonstrates the RASAL3 antibody detected the RASAL3 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-RASAL3 antibody	May functions as a Ras GTPase-activating protein (By similarity).
References	Kimura, K., et al. Genome Res. 16(1):55-65(2006) Ota, T., et al. Nat. Genet. 36(1):40-45(2004)

NCBI AND UNIPROT INFORMATION

NCBI GI #	130502162
NCBI GeneID	64926
NCBI Accession #	NP_075055.1
NCBI GenBank Nucleotide #	NM_022904.1
UniProt Accession #	Q86YV0; Q8N2T9; Q9H735
Molecular Weight	111898
NCBI Official Full Name	RAS protein activator like-3
NCBI Official Synonym Full Names	RAS protein activator like 3
NCBI Official Symbol	RASAL3
NCBI Protein Information	RAS protein activator like-3
UniProt Protein Name	RAS protein activator like-3
UniProt Gene Name	RASAL3
UniProt Entry Name	RASL3_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.