

Rabbit anti-Human RIT1 Polyclonal Antibody | anti-RIT1 antibody

RIT1 Antibody

CATALOG # AAA301776	HOST Rabbit	REACTIVITY Human	APPLICATIONS Western Blot
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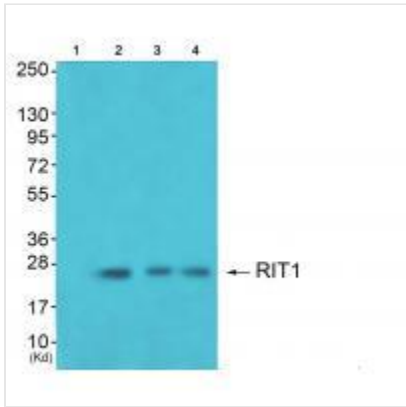
PRODUCT SYNONYMS

RIT1; Polyclonal Antibody; RIT1 Antibody; GTP-binding protein Rit1; Ras-like protein expressed in many tissues; Ras-like without CAAX protein 1; RIBB; RIT; anti-RIT1 antibody

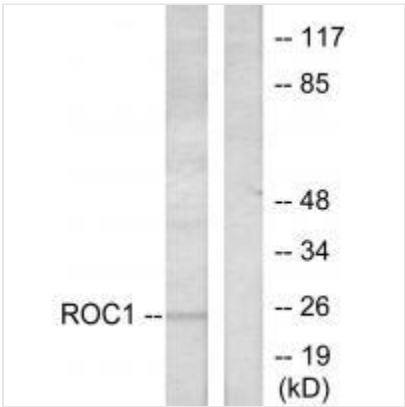
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total RIT1 protein.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	183
Applicable Applications for anti-RIT1 antibody	WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from human RIT1.
Target Name	RIT1
Preparation and Storage	Store at -20 degree C

IMAGES



WB (Western Blot)
Western blot analysis of extracts from K562 cells (Lane 2), JK cells (Lane 3) and 293 cells (Lane 4), using RIT1 antibody. The lane on the left is treated with synthesized peptide.



WB (Western Blot)
Western blot analysis of extracts from Jurkat cells, using RIT1 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-RIT1 antibody	Plays a crucial role in coupling NGF stimulation to the activation of both EPHB2 and MAPK14 signaling pathways and in NGF-dependent neuronal differentiation. Involved in ELK1 transactivation through the Ras-MAPK signaling cascade that mediates a wide variety of cellular functions, including cell proliferation, survival, and differentiation.Manabu Furukawa, Mol. Cell. Biol., Nov 2000; 20: 8185 - 8197. Angus Chen, J. Biol. Chem., May 2000; 275: 15432. Kenneth Wu, Mol. Cell. Biol., Feb 2000; 20: 1382 - 1393. Kenneth Wu, J. Biol. Chem., Jan 2002; 277: 516 - 527.
Product Categories/Family for anti-RIT1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	378744212
NCBI GeneID	6016
NCBI Accession #	NP_001243749.1
NCBI GenBank Nucleotide #	NM_001256820.1
UniProt Accession #	Q92963; O00646; O00720; Q5VY89; Q5VY90; B4DQE8
Molecular Weight	27,148 Da
NCBI Official Full Name	GTP-binding protein Rit1 isoform 3
NCBI Official Synonym Full Names	Ras-like without CAAX 1
NCBI Official Symbol	RIT1
NCBI Official Synonym Symbols	NS8; RIT; RIBB; ROC1
NCBI Protein Information	GTP-binding protein Rit1
UniProt Protein Name	GTP-binding protein Rit1
UniProt Gene Name	RIT1
UniProt Synonym Gene Names	RIBB; RIT; ROC1
UniProt Entry Name	RIT1_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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/rit1-antibody-western-blot-elisa/301776>