

Rabbit RAC1 Polyclonal Antibody | anti-RAC1 antibody

RAC1 antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA200746	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Sheep, Zebrafish	Immunohistochemistry, Western Blot

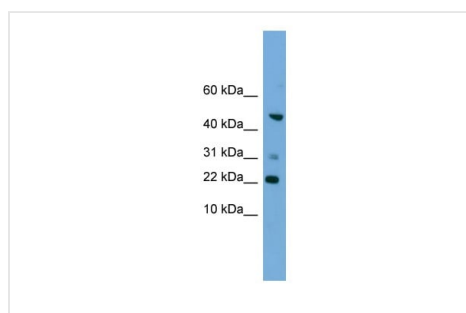
PRODUCT SYNONYMS

RAC1; Polyclonal Antibody; RAC1 antibody - middle region; anti-RAC1 antibody

PRODUCT SPECIFICATIONS

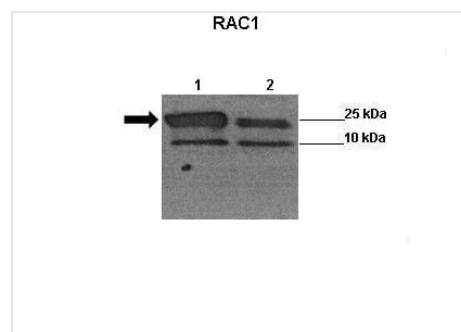
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Sheep, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: LA MAKEIGAVKY LECSALTQRG LKTVFDEAIR AVLCPPPVKK RKRKCLLL
Sequence Length	192
Applicable Applications for anti-RAC1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Sheep: 100%; Zebrafish: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human RAC1
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.

IMAGES



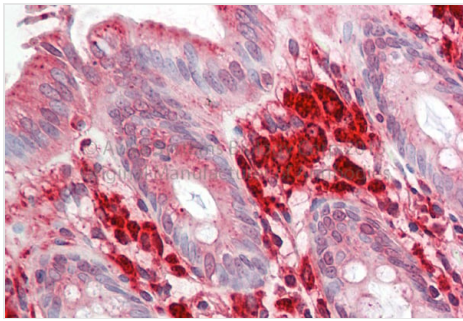
WB (Western Blot)

WB Suggested Anti-RAC1 Antibody Titration: 0.2-1 ug/ml Positive Control: HepG2 cell lysate



WB (Western Blot)

Sample Type : Lane 1: 20ug siRUVBL1 transfected human H1299 cells Lane 2: 20ug untransfected human H1299 cells Primary Antibody Dilution : 1:1000 Secondary Antibody: Anti-rabbit-HRP Secondary Antibody Dilution: 1:3000 Color/Signal Descriptions: RAC1 Gene Name: Wenwei Hu, Xuetian Yue, Rutgers Cancer Institute of New Jersey. Submitted by:



IHC (Immunohistochemistry)

Rabbit Anti-RAC1 antibody
 Formalin Fixed Paraffin Embedded Tissue: Human Adult Colon
 Observed Staining: Cytoplasm in hepatocytes
 Primary Antibody Concentration: 1:600
 Secondary Antibody: Donkey anti-Rabbit-Cy3
 Secondary Antibody Concentration: 1:200
 Magnification: 20X
 Exposure Time: 0.5 - 2.0 sec

ADDITIONAL INFORMATION

Related Product Information for anti-RAC1 antibody	This is a rabbit polyclonal antibody against RAC1. It was validated on Western Blot
	Target Description: The protein encoded by this gene is a GTPase which belongs to the RAS superfamily of small GTP-binding proteins. Members of this superfamily appear to regulate a diverse array of cellular events, including the control of cell growth, cytoskeletal reorganization, and the activation of protein kinases. Two transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-RAC1 antibody	Polyclonal; Transcription Factor; Cancer; Membrane Protein; Drugs and Drug Metabolism; Cell Biology; Developmental Biology; Neuroscience; Axon Guidance; MAPK Signaling; Pathways In Cancer; WNT Signaling; Cell Structure

NCBI AND UNIPROT INFORMATION

NCBI GI #	51702787
NCBI GeneID	5879
NCBI Accession #	NP_008839
NCBI GenBank Nucleotide #	NM_006908
UniProt Accession #	P63000
Molecular Weight	21kDa
NCBI Official Full Name	Ras-related C3 botulinum toxin substrate 1
NCBI Official Synonym Full Names	Rac family small GTPase 1
NCBI Official Symbol	RAC1
NCBI Official Synonym Symbols	MIG5; MRD48; Rac-1; TC-25; p21-Rac1
NCBI Protein Information	ras-related C3 botulinum toxin substrate 1
UniProt Protein Name	Ras-related C3 botulinum toxin substrate 1
UniProt Gene Name	RAC1
UniProt Synonym Gene Names	TC25
UniProt Entry Name	RAC1_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.