

ARG63179
anti-RAC2 antibodyPackage: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes RAC2
Tested Reactivity	Hu
Predict Reactivity	Ms, Rat
Tested Application	IHC-P, WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	RAC2
Species	Human
Immunogen	PQPTRQQKRACSL
Conjugation	Un-conjugated
Alternate Names	p21-Rac2; HSPC022; Small G protein; GX; Ras-related C3 botulinum toxin substrate 2; EN-7; Gx

Application Instructions

Application table	Application	Dilution
	IHC-P	2 µg/ml
	WB	0.1 - 0.3 µg/ml

Application Note WB: Recommend incubate at RT for 1h.
* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

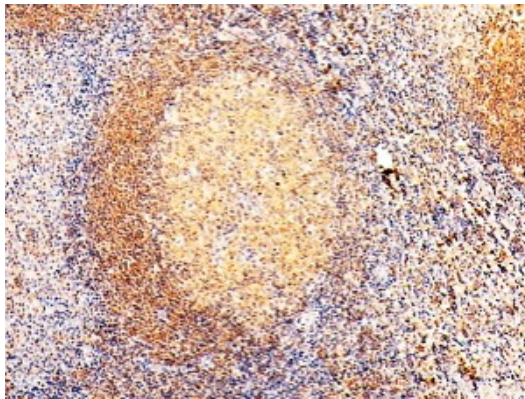
Form	Liquid
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

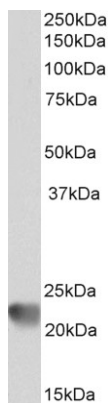
Database links	GeneID: 5880 Human Swiss-port # P15153 Human
Background	The protein encoded by this gene is a GTPase which belongs to the RAS superfamily of small GTP-binding proteins. Members of this superfamily appear to regulate a diverse array of cellular events, including the control of cell growth, cytoskeletal reorganization, and the activation of protein kinases. [provided by RefSeq, Jul 2008]
Research Area	Cancer antibody; Cell Biology and Cellular Response antibody; Cell Death antibody; Signaling Transduction antibody
Calculated Mw	21 kDa
PTM	(Microbial infection) Glycosylated at Tyr-32 by Photorhabdus asymbiotica toxin PAU_02230. Mono-O-GlcNAcylation by PAU_02230 inhibits downstream signaling by an impaired interaction with diverse regulator and effector proteins of Rac and leads to actin disassembly.

Images



ARG63179 anti-RAC2 antibody IHC-P image

Immunohistochemistry: Human Tonsil stained with ARG63179 anti-RAC2 antibody at 0.3 µg/ml dilution.



ARG63179 anti-RAC2 antibody WB image

Western blot: 35 µg of MOLT-4 cell lysate (in RIPA buffer) stained with ARG63179 anti-RAC2 antibody at 0.3 µg/ml dilution and incubated at RT for 1 hour.