

## ARG63179 anti-RAC2 antibody

Package: 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 antigen affinity chromatography.
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.

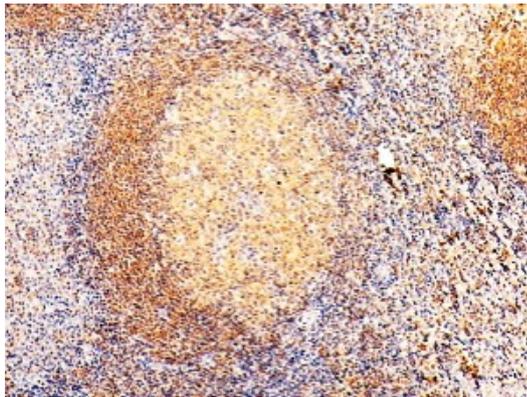
Note For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

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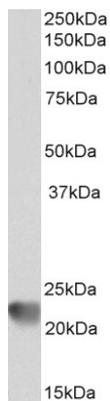
Database links	<a href="#">GeneID: 5880 Human</a> <a href="#">Swiss-port # P15153 Human</a>
Background	The protein encoded by this gene is a GTPase which belongs to the RAS superfamily of small GTP-binding proteins. Members of this superfamily appear to regulate a diverse array of cellular events, including 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.