

**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.<br>* 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. |

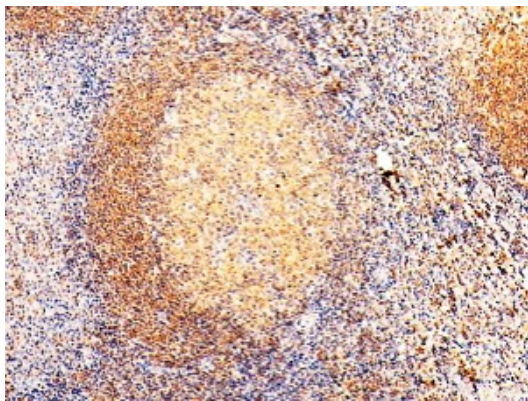
Note

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

Bioinformation

|                |  |
|----------------|--|
| Database links | <a href="#">GeneID: 5880 Human</a><br><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.