

Rac2 antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI14432**Specification**

Rac2 antibody - C-terminal region - Product Information

Application	WB
Primary Accession	Q05144
Other Accession	NM_009008 , NP_033034
Reactivity	Human, Mouse, Rat, Rabbit, Horse, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Chicken, Bovine, Guinea Pig
Host	Rabbit
Clonality	Polyclonal
Calculated MW	21kDa KDa

Rac2 antibody - C-terminal region - Additional Information**Gene ID** 19354**Alias Symbol** **AI323801, AI452260**
Other Names
Ras-related C3 botulinum toxin substrate 2, Protein EN-7, p21-Rac2, Rac2**Format**

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-Rac2 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

Rac2 antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Rac2 antibody - C-terminal region - Protein Information**Name** Rac2 {ECO:0000312|MGI:MGI:97846}**Function**Plasma membrane-associated small GTPase which cycles between an active GTP-bound and inactive GDP-bound state. In its active state, binds to a variety of effector proteins to regulate cellular responses, such as secretory processes, phagocytosis of apoptotic cells and epithelial cell polarization. Regulatory subunit of the phagocyte NADPH oxidase complex that mediates the transfer of electrons from cytosolic NADPH to O₂ to produce the superoxide anion (O₂⁻).**Cellular Location**

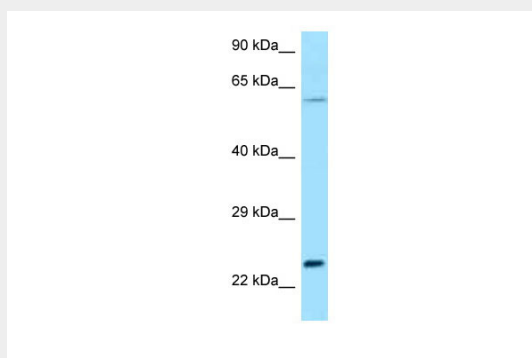
Cytoplasm. Membrane; Lipid-anchor. Note=Membrane-associated when activated

Rac2 antibody - C-terminal region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Rac2 antibody - C-terminal region - Images



WB Suggested Anti-Rac2 Antibody Titration: 1.0 µg/ml
Positive Control: Mouse Heart

Rac2 antibody - C-terminal region - References

Shirsat N.V., et al. Oncogene 5:769-772(1990).
Carninci P., et al. Science 309:1559-1563(2005).