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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

Function
Plasma membrane-associated small GTPase which cycles between an active GTP-bound and inactive GDP-bound state. In active state binds to a variety of effector proteins to regulate cellular responses, such as secretory processes, phagocytose of apoptotic cells and epithelial cell polarization. Augments the production of reactive oxygen species (ROS) by NADPH oxidase.

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

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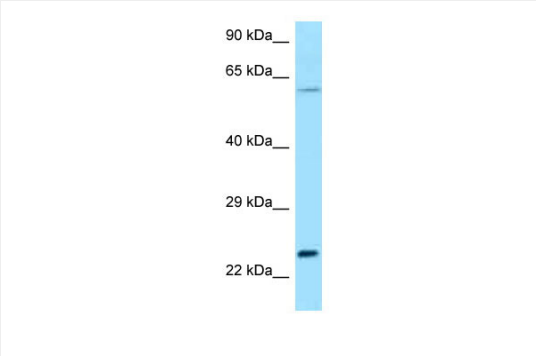
Rac2 antibody - C-terminal region - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- 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).