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Datasheet for ABIN962719
anti-RAC1 antibody

2 Images

Overview

Quantity:	50 µg
Target:	RAC1
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This RAC1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Brand:	IHC-plus™
Immunogen:	Recombinant protein containing the full length human Rac1. Type of Immunogen: Recombinant protein
Isotype:	IgG2b
Specificity:	Recognizes human Rac1 at 21kD. Slight Rac2 cross-reactivity is observed. An additional unknown protein of ~55kD may be detected in some preparations. Species cross-reactivity: mouse and rat.
Purification:	Protein G purified

Target Details

Target:	RAC1
Abstract:	RAC1 Products
Background:	Name/Gene ID: RAC1 Family: Ras GTPase superfamily IPR001806 Synonyms: RAC1, MIG5, p21-Rac1, Ras-like protein TC25, TC25, TC-25, Rac-1
Gene ID:	5879
UniProt:	P63000
Pathways:	WNT Signaling , Regulation of Actin Filament Polymerization , Cell-Cell Junction Organization , Thromboxane A2 Receptor Signaling , VEGF Signaling

Application Details

Application Notes:	Approved: IHC, IHC-P (10 µg/mL), IP, WB (0.5 - 2 µg/mL) Usage: Suitable for use in Western Blot, Immunohistochemistry, Affinity Precipitation and Immunoprecipitation. Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and a chemiluminescence detection system. Proteins were detected by Western Blot analysis using 1 µg/mL. Immunoprecipitation: 4 µg immunoprecipitated Rac1 from a rat brain microsomal protein preparation.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

Handling

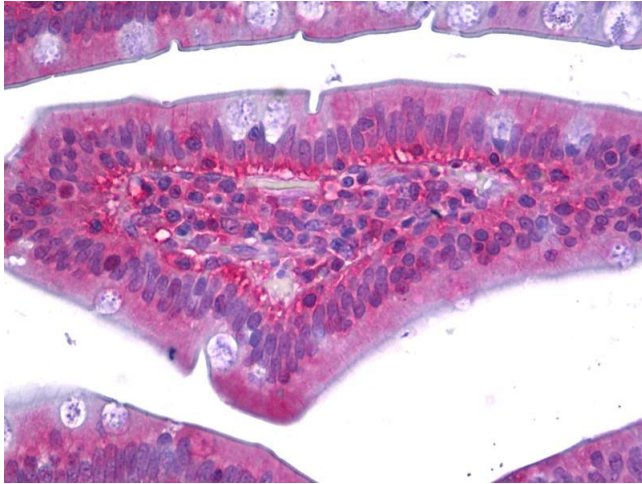
Format:	Liquid
Concentration:	Lot specific
Buffer:	0.1 M Tris-glycine, pH 7.4, 0.15 M sodium chloride, 0.05 % sodium azide, 30 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeat freeze-thaw cycles.

Handling

Storage: 4 °C, -20 °C

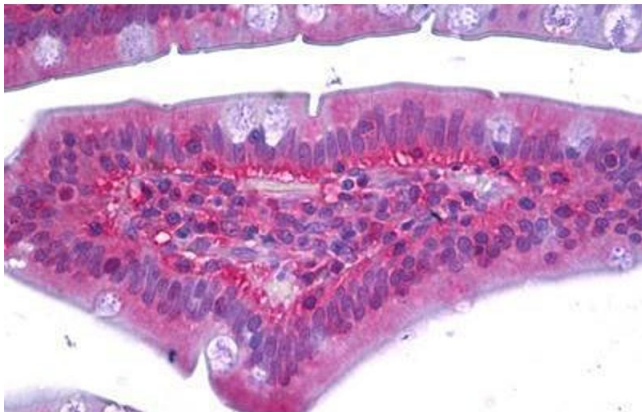
Storage Comment: Short term: 4°C. Long term: Store at -20°C. Avoid freeze-thaw cycles.

Validation report #102832 for Western Blotting (WB)



Immunohistochemistry

Image 1. Anti-RAC1 antibody IHC of human small intestine. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 10 ug/ml.



Immunohistochemistry

Image 2. Anti-RAC1 antibody IHC staining of human small intestine. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody ABIN962719 concentration 10 ug/ml.