

A1139

Leader in Biomolecular Solutions for Life Science



RAC2 Rabbit pAb

Catalog No.: A1139

3 Publications

Basic Information

Observed MW

21kDa

Calculated MW

21kDa

Category

Polyclonal Antibody

Applications

WB,IHC-P,IF/ICC,ELISA

Cross-Reactivity

Human,Mouse,Rat

Background

This gene encodes a member of the Ras superfamily of small guanosine triphosphate (GTP)-metabolizing proteins. The encoded protein localizes to the plasma membrane, where it regulates diverse processes, such as secretion, phagocytosis, and cell polarization. Activity of this protein is also involved in the generation of reactive oxygen species. Mutations in this gene are associated with neutrophil immunodeficiency syndrome. There is a pseudogene for this gene on chromosome 6.

Recommended Dilutions

WB 1:500 - 1:2000

IHC-P 1:50 - 1:100

IF/ICC 1:50 - 1:100

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

5880

Swiss Prot

P15153

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 1-192 of human RAC2 (NP_002863.1).

Synonyms

Gx; EN-7; IMD73A; IMD73B; IMD73C; HSPC022; p21-Rac2; RAC2

Product Information

Source

Rabbit

Isotype

IgG

Purification

Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

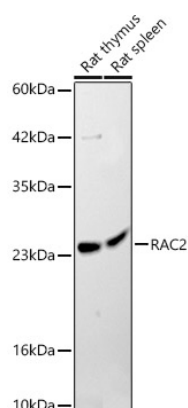
Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.

Contact



www.abclonal.com

Validation Data



Western blot analysis of various lysates, using RAC2 Rabbit pAb (A1139) at 1:1000 dilution.

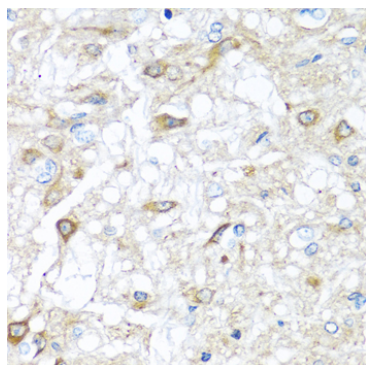
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

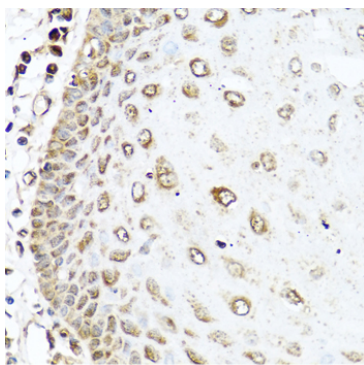
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

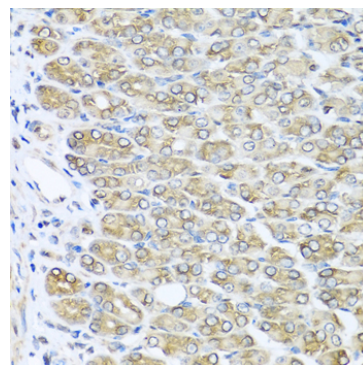
Exposure time: 180s.



Immunohistochemistry analysis of paraffin-embedded Rat brain using RAC2 Rabbit pAb (A1139) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human esophagus using RAC2 Rabbit pAb (A1139) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse stomach using RAC2 Rabbit pAb (A1139) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.