

Rabbit anti-Human RAC3 Polyclonal Antibody | anti-RAC3 antibody

Anti-RAC3 Antibody, Rabbit Polyclonal

CATALOG # AAA256262	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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PRODUCT SYNONYMS

RAC3; Polyclonal Antibody; Anti-RAC3 Antibody; Rabbit Polyclonal; RAC3 Antibody; Rabbit PAb; Antigen Affinity Purified; ras-related C3 botulinum toxin substrate 3 (rho family; small GTP binding protein Rac3); anti-RAC3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human RAC3
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-RAC3 antibody	IHC (Immunohistochemistry)
Immunogen	E Coli-derived Human RAC3 fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human RAC3 fragment, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunochemical staining of human RAC3 in human esophagus with rabbit polyclonal antibody at 1:1000 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)

Immunochemical staining of human RAC3 in human skin with rabbit polyclonal antibody at 1:1000 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti-RAC3 antibody	RAC3 is a member of the p160 family of steroid receptor coactivators and it is highly expressed in several human cancers, contributing to enhanced cell proliferation and cellular transformation. RAC3 is an underexamined member of the Rho GTPase gene family that is expressed in the developing brain and linked to key cellular functions. The Rac3 polypeptide is highly similar to Rac1, and orthologues of the gene for Rac3 have been found only in vertebrates, indicating the late appearance of this gene during evolution. Rac3 plays an important role in neuronal development and tumor progression, with specificities that distinguish the functions of Rac3 from the established functions of Rac1. De novo missense variants in the homolog RAC1 were recently associated with developmental disorders. RAC3 is a key regulator of adipogenesis since its downregulation generates the cellular arrest and autophagic responses that are required steps for this process.
Product Categories/Family for anti-RAC3 antibody	TGF-beta Signaling
References	Lira MC, et al. (2018) Role of rac3 coactivator in the adipocyte differentiation. Cell Death Discov 4 20.de Curtis I (2019) The rac3 gtpase in neuronal development, neurodevelopmental disorders, and cancer. Cells 8 (9): 1063.Costain G, et al. (2019) De novo missense variants in rac3 cause a novel neurodevelopmental syndrome. Genet Med 21 (4): 1021-1026.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/rac3-antibody-immunohistochemistry-elisa/256262>