Rabbit anti-Human RAB27B Polyclonal Antibody | anti-RAB27B antibody

Anti-RAB27B Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA255842	**Rabbit**	**Human**	**Immunofluorescence, Immunocytochemistry, Immunohistochemistry, ELISA**

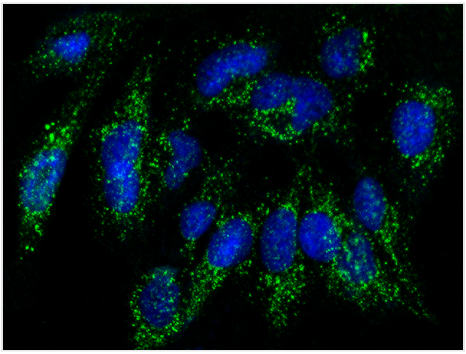
PRODUCT SYNONYMS

RAB27B; Polyclonal Antibody; Anti-RAB27B Antibody; Rabbit Polyclonal; RAB27B/C25KG Antibody; Rabbit PAb; Antigen Affinity Purified; member RAS oncogene family; Anti-C25KG Antibody; anti-RAB27B antibody

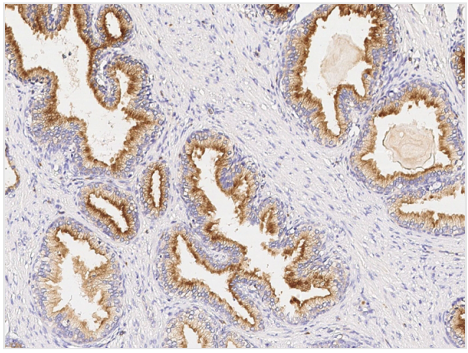
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human RAB27B/C25KG
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-RAB27B antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human RAB27B/C25KG Protein
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with purified, recombinant Human RAB27B/C25KG (rh RAB27B/C25KG). RAB27B/C25KG specific IgG was purified by Human RAB27B/C25KG 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. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



IF (Immunofluorescence)
Immunofluorescence staining of His-RAB27B in U251MG cells. Cells were fixed with 4% PFA, permeabilzed with 0.3% Triton X-100 in PBS,blocked with 10% serum, and incubated with rabbit anti-Human His-RAB27B polyclonal antibody (dilution ratio 1:1000) at 4 degree C overnight. Then cells were stained with the Alexa Fluor$488-conjugated Goat Anti-rabbit IgG secondary antibody (green) and counterstained with DAPI (blue).Positive staining was localized to cytoplasm.



IHC (Immunohistochemistry)
Immunochemical staining of human RAB27B in human prostate with rabbit polyclonal antibody (1:1000, formalin-fixed paraffin embedded sections).

ADDITIONAL INFORMATION

Related Product Information for anti-RAB27B antibody	RAB27B is a member of the Rab family GTPases involved in vesicle trafficking. The Rab27 subfamily consists of Rab27a and Rab27b. The human RAB27B gene is organized in six exons, spanning about 69 kb in the chromosome 18q21.1 region. The Rab27 subfamily of Ras-like GTPases is highly conserved in mammals. There is high degree of conservation in sequence and gene structure between RAB27A and RAB27B genes. Exogenous expression of Rab27b in melanocytes results in melanosomal association as observed for Rab27a, suggesting the two Rab27 proteins are functional homologues. As with RAB27A in Griscelli Disease, RAB27B may be also associated with human disease mapping to chromosome 18.
Product Categories/Family for anti-RAB27B antibody	Autophagy Pathway

NCBI AND UNIPROT INFORMATION

NCBI GI #	5729997
NCBI GeneID	5874
NCBI Accession #	NP_004154.2
NCBI GenBank Nucleotide #	NM_004163.4
UniProt Accession #	O00194; Q9BZB6; B2RAB0
Molecular Weight	24,608 Da
NCBI Official Full Name	ras-related protein Rab-27B
NCBI Official Synonym Full Names	RAB27B, member RAS oncogene family
NCBI Official Symbol	RAB27B
NCBI Official Synonym Symbols	C25KG
NCBI Protein Information	ras-related protein Rab-27B
UniProt Protein Name	Ras-related protein Rab-27B
UniProt Gene Name	**RAB27B**
UniProt Entry Name	RB27B_HUMAN

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.

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