

Rabbit RAB5 Monoclonal Antibody | anti-RAB5 antibody

RAB5 Antibody

CATALOG # AAA312223	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

RAB5; Monoclonal Antibody; RAB5 Antibody; RAB 5 antibody; RAB 5A antibody; RAB5A antibody; RAB5A member RAS oncogene family antibody; RAB5A_HUMAN antibody; RAS associated protein RAB5A antibody; Ras related protein Rab 5A antibody; Ras-related protein Rab-5A antibody; anti-RAB5 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Clone Number	ST47-04
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-RAB5 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Antibody Type	Recombinant Antibody
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



IHC (Immunohistochemisry)

Immunohistochemical analysis of paraffin-embedded mouse prostate tissue using anti-Rab5 antibody. Counter stained with hematoxylin.



IHC (Immunohiostchemistry)

Immunohistochemical analysis of paraffin-embedded mouse brain tissue using anti-Rab5 antibody. Counter stained with hematoxylin.



WB (Western Blot)

Western blot analysis of Rab5 on different lysates using anti-Rab5 antibody at 1/1, 000 dilution. Positive control: Lane 1: Hela Lane 2: MCF-7

ADDITIONAL INFORMATION

Related Product Information for anti-RAB5 antibody	The Ras-related superfamily of guanine nucleotide binding proteins, which includes the R-Ras, Rap, Ral/Rec and Rho/Rab subfamilies, exhibit 30-60% homology with Ras p21. Accumulating data suggests an important role for Rab proteins, either in endocytosis or in biosynthetic protein transport. The transport of newly synthesized proteins from the endoplasmic reticulum to various stacks of the Golgi complex and to secretory vesicles involves at each stage the movement of carrier vesicles, a process that appears to involve Rab protein function. The possibility that Rab proteins might also direct the exocytosis from secretory vesicles to the plasma membrane is supported by the observation that in yeast, the Sec4 protein, which is 40% homologous to Rab proteins, is associated with secretory vesicles. At least eight members of the Rab subfamily have been identified, each of which is found at a particular stage of a membrane transport pathway.
Product Categories/Family for anti-RAB5 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	19923262
NCBI GeneID	5868
NCBI Accession #	NP_004153.2
NCBI GenBank Nucleotide #	NM_004162.4
UniProt Accession #	P20339; Q6FI44
Molecular Weight	215
NCBI Official Full Name	ras-related protein Rab-5A
NCBI Official Synonym Full Names	RAB5A, member RAS oncogene family
NCBI Official Symbol	RAB5A
NCBI Official Synonym Symbols	RAB5
NCBI Protein Information	ras-related protein Rab-5A; RAS-associated protein RAB5A
UniProt Protein Name	Ras-related protein Rab-5A
UniProt Gene Name	RAB5A
UniProt Synonym Gene Names	RAB5
UniProt Entry Name	RAB5A_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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Online datasheet: <https://stage.aaabiotech.com/monoclonal/rab5-antibody-clone-st47-04-immunohistochemistry-western-blot-elisa/312223>