

Rabbit RAB9 Monoclonal Antibody | anti-RAB9 antibody

RAB9 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA312155	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunocytochemistry, Western Blot

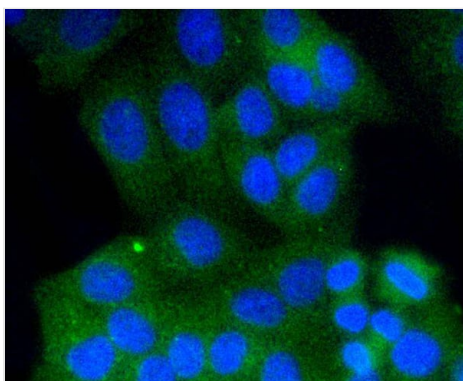
PRODUCT SYNONYMS

RAB9; Monoclonal Antibody; RAB9 Antibody; 2410064E05Rik antibody; A195561 antibody; DmRab9 antibody; Rab 9 antibody; RAB 9A antibody; RAB9 member RAS oncogene family antibody; RAB9A antibody; RAB9A member RAS oncogene family antibody; RAB9A_HUMAN antibody; RAS ASSOCIATED PROTEIN RAB9 antibody; Ras related protein Rab 9A antibody; Ras-related protein Rab-9A antibody; Sid6061p antibody; Sid99 antibody; anti-RAB9 antibody

PRODUCT SPECIFICATIONS

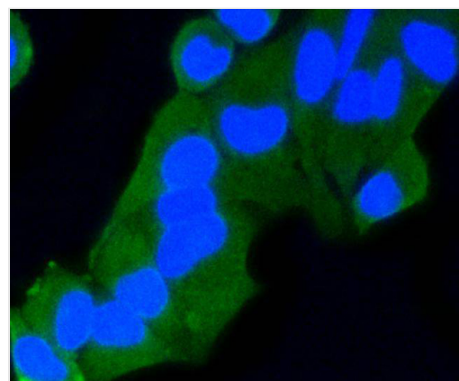
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Clone Number	SR45-05
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-RAB9 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot)
Antibody Type	Recombinant Antibody
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



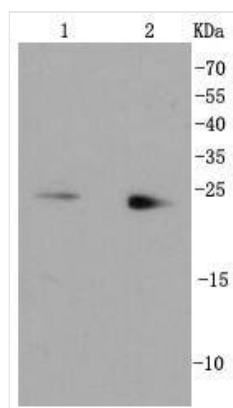
ICC (Immunocytochemistry)

ICC staining Rab9 in HepG2 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC (Immunocytochemistry)

ICC staining Rab9 in HeLa cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



WB (Western Blot)

Western blot analysis of Rab9 on different lysates using anti-Rab9 antibody at 1/1,000 dilution. Positive control: Lane 1: HepG2 Lane 2: K562

ADDITIONAL INFORMATION

Related Product Information for anti-RAB9 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-RAB9 antibody

Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	1710003
NCBI GeneID	9367
UniProt Accession #	P51151; Q6ICN1; A8K390
Molecular Weight	22,838 Da
NCBI Official Full Name	Ras-related protein Rab-9A
NCBI Official Synonym Full Names	RAB9A, member RAS oncogene family
NCBI Official Symbol	RAB9A
NCBI Official Synonym Symbols	RAB9
NCBI Protein Information	ras-related protein Rab-9A; RAB9, member RAS oncogene family
UniProt Protein Name	Ras-related protein Rab-9A
UniProt Gene Name	RAB9A
UniProt Synonym Gene Names	RAB9
UniProt Entry Name	RAB9A_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.