

Rabbit RAB35 Polyclonal Antibody | anti-RAB35 antibody

RAB35 Antibody (C-term)

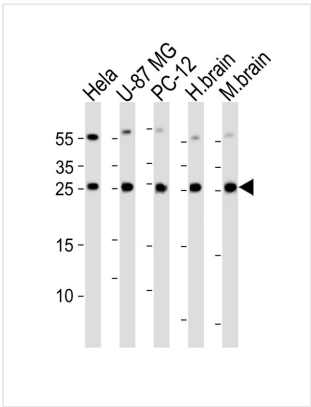
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287044	Rabbit	Human, mouse, rat	Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

RAB35; Polyclonal Antibody; RAB35 Antibody (C-term); Ras-related protein Rab-35; GTP-binding protein RAY; Ras-related protein Rab-1C; RAB1C; RAY; anti-RAB35 antibody

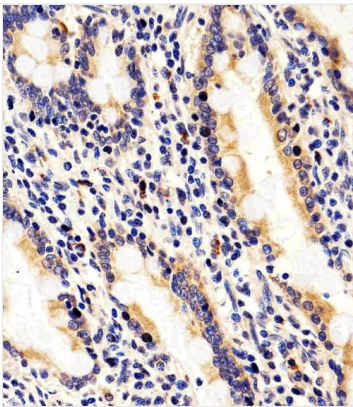
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse, rat
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This RAB35 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 166-199 amino acids from the C-terminal region of human RAB35.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Length	152
Applicable Applications for anti-RAB35 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Crown Antibody	Yes
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



WB (Western Blot)

Western blot analysis of lysates from HeLa, U-87 MG, rat PC-12 cell line, human brain and mouse brain tissue lysate (from left to right), using RAB35 Antibody (C-term). AAA287044 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L (HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35ug per lane.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded H. small intestine section using RAB35 Antibody (C-term). AAA287044 was diluted at 1:25 dilution. A peroxidase-conjugated goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody, followed by DAB staining.

ADDITIONAL INFORMATION

Related Product Information for anti-RAB35 antibody	The small GTPases Rab are key regulators of intracellular membrane trafficking, from the formation of transport vesicles to their fusion with membranes. Rabs cycle between an inactive GDP-bound form and an active GTP-bound form that is able to recruit to membranes different sets of downstream effectors directly responsible for vesicle formation, movement, tethering and fusion. That Rab is involved in the process of endocytosis and is an essential rate-limiting regulator of the fast recycling pathway back to the plasma membrane. During cytokinesis, required for the postfurlowing terminal steps, namely for intercellular bridge stability and abscission, possibly by controlling phosphatidylinositol 4,5-bis phosphate (PIP2) and SEPT2 localization at the intercellular bridge. May indirectly regulate neurite outgrowth.
Product Categories/Family for anti-RAB35 antibody	Crown Antibodies; Developmental Biology
References	Zhu A.X.,et al.Biochem. Biophys. Res. Commun. 205:1875-1882(1994). Puhl H.L. III,et al.Submitted (APR-2002) to the EMBL/GenBank/DDBJ databases. Kalnine N.,et al.Submitted (OCT-2004) to the EMBL/GenBank/DDBJ databases. Halleck A.,et al.Submitted (JUN-2004) to the EMBL/GenBank/DDBJ databases. Ota T.,et al.Nat. Genet. 36:40-45(2004).

NCBI AND UNIPROT INFORMATION

NCBI GI #	262527293
NCBI GeneID	11021
NCBI Accession #	NP_001161078.1
NCBI GenBank Nucleotide #	NM_001167606.1
UniProt Accession #	Q15286; B2R6E0; B4E390
Molecular Weight	23025
NCBI Official Full Name	ras-related protein Rab-35 isoform 2
NCBI Official Synonym Full Names	RAB35, member RAS oncogene family
NCBI Official Symbol	RAB35
NCBI Official Synonym Symbols	RAY; H-ray; RAB1C
NCBI Protein Information	ras-related protein Rab-35

UniProt Protein Name	Ras-related protein Rab-35
UniProt Gene Name	RAB35
UniProt Synonym Gene Names	RAB1C; RAY
UniProt Entry Name	RAB35_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/polyclonal/rab35-antibody-immunohistochemistry-western-blot-elisa/287044>