Rabbit anti-Human RAB39B Polyclonal Antibody | anti-RAB39B antibody

Anti-RAB39B Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA255927	**Rabbit**	**Human**	**Immunofluorescence, Immunocytochemistry, Immunohistochemistry**

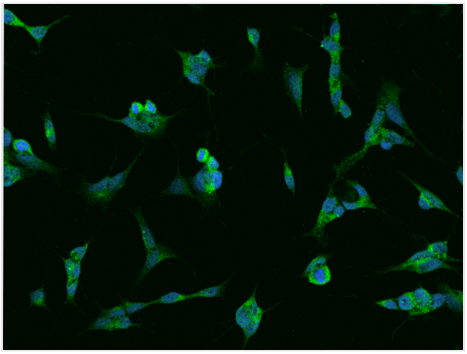
PRODUCT SYNONYMS

RAB39B; Polyclonal Antibody; Anti-RAB39B Antibody; Rabbit Polyclonal; RAB39B Antibody; Rabbit PAb; Antigen Affinity Purified; member RAS oncogene family; Anti-MRX72 Antibody; Anti-WSMN Antibody; anti-RAB39B antibody

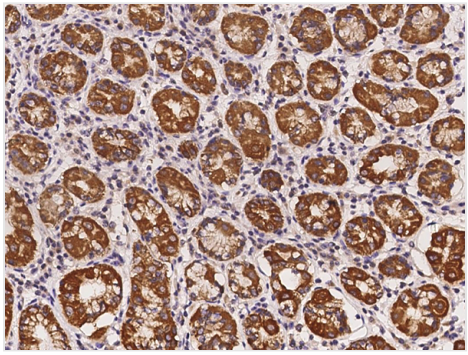
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human RAB39B
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-RAB39B antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry)
Immunogen	E Coli-derived Human RAB39B fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human RAB39B 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.

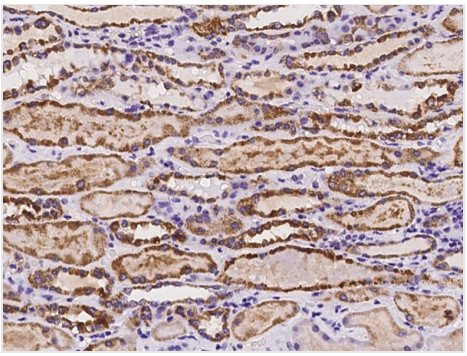
IMAGES



IF (Immunofluorescence)
Immunofluorescence staining of RAB39B in SHSY5Y cells. Cells were fixed with 4% PFA, permeabilzed with 0.1% Triton X-100 in PBS,blocked with 10% serum, and incubated with rabbit anti-Human RAB39B polyclonal antibody (dilution ratio 1:200) at 4 degree C overnight. Then cells were stained with the Alexa Fluor488-conjugated Goat Anti-rabbit IgG secondary antibody (green) and counterstained with DAPI (blue).Positive staining was localized to Cytoplasm.



IHC (Immunohiostchemistry)
Immunochemical staining of human RAB39B in human stomach with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)
Immunochemical staining of human RAB39B in human kidney with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti-RAB39B antibody	RAB39B is a member of the Rab family of small GTPases that controls intracellular vesicular trafficking in a compartment-specific manner. RAB39B was expressed in a variety of human tissues and located in human chromosome Xq28. It consisted of two exons spanning 3764 bp of human genomic DNA. Mutations in the RAB39B gene cause intellectual disability comorbid with autism spectrum disorder and epilepsy. The resulting alteration in synaptic function underlies cognitive dysfunction in RAB39B-related disorders. RAB39B pathogenic variants cause X-linked Parkinsonism associated with Intellectual Disability, known as Waisman syndrome that has been mainly identified through exome sequencing in large Parkinson's disease cohorts. RAB39B mutation is very rare in familial PD and may not be a major cause of familial PD in the Chinese Han Population.
Product Categories/Family for anti-RAB39B antibody	Autophagy Pathway
References	Mignogna ML, et al. (2015) The intellectual disability protein rab39b selectively regulates glua2 trafficking to determine synaptic ampar composition. Nat Commun 6 6504.Ciammola A, et al. (2017) X-linked parkinsonism with intellectual disability caused by novel mutations and somatic mosaicism in rab39b gene. Parkinsonism Relat Disord 44 142-146.Cheng H, et al. (2002) Isolation and characterization of a human novel rab (rab39b) gene. Cytogenet Genome Res 97 (1-2): 72-75.

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/rab39b-antibody-immunofluorescence-immunocytochemistry-immunohistochemistry-elisa/255927