

Rabbit anti-Human, Mouse RAB17 Polyclonal Antibody | anti-RAB17 antibody

RAB17 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA231604	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot, ELISA

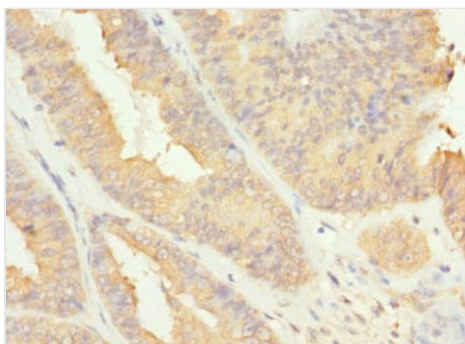
PRODUCT SYNONYMS

RAB17; Polyclonal Antibody; RAB17 Antibody; Ras-related protein Rab-17; anti-RAB17 antibody

PRODUCT SPECIFICATIONS

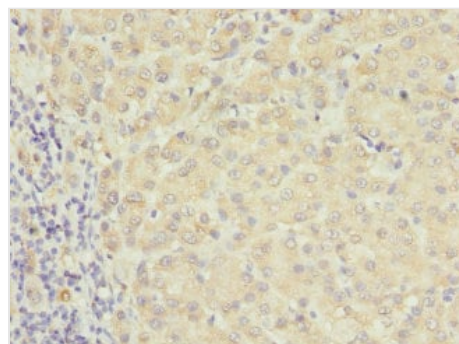
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid
Sequence Length	212
Applicable Applications for anti-RAB17 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Species	Human
Immunogen	Recombinant human Ras-related protein Rab-17 protein (1-212AA)
Conjugate	Non-conjugated
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



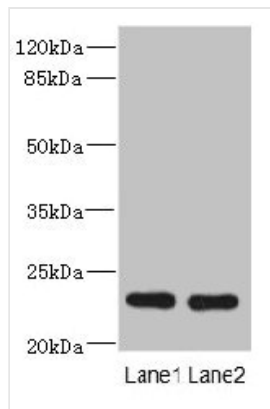
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human endometrial cancer using AAA231604 at dilution 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human liver cancer using AAA231604 at dilution 1:100



WB (Western Blot)

Western blotAll lanes: RAB17 antibody at 3.02ug/mL
Lane 1: Mouse brain tissue
Lane 2: Mouse kidney tissue
SecondaryGoat polyclonal to Rabbit IgG at 1/10000 dilution
Predicted band size: 24,10 kDa
Observed band size: 23 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-RAB17 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 set of downstream effectors directly responsible for vesicle formation, movement, tethering and fusion. That Rab is involved in transcytosis, the directed movement of endocytosed material through the cell and its exocytosis from the plasma membrane at the opposite side. Mainly observed in epithelial cells, transcytosis mediates for instance, the transcellular transport of immunoglobulins from the basolateral surface to the apical surface. Most probably controls membrane trafficking through apical recycling endosomes in a post-endocytic step of transcytosis. Required for melanosome transport and release from melanocytes, it also regulates dendrite and dendritic spine development (By similarity). May also play a role in cell migration.

NCBI AND UNIPROT INFORMATION

NCBI GI #	11967981
NCBI GeneID	64284
NCBI Accession #	NP_071894.1
NCBI GenBank Nucleotide #	NM_022449.3
UniProt Accession #	Q9H0T7; Q53QV6; Q6IA73; Q6PJZ0; Q9BVU1; Q9H9U9
Molecular Weight	9,394 Da
NCBI Official Full Name	ras-related protein Rab-17
NCBI Official Synonym Full Names	RAB17, member RAS oncogene family
NCBI Official Symbol	RAB17
NCBI Protein Information	ras-related protein Rab-17
UniProt Protein Name	Ras-related protein Rab-17
UniProt Gene Name	RAB17
UniProt Entry Name	RAB17_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.