

RABL2A Rabbit pAb

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Catalog # AP93996

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q9UBK7
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	26115
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human RABL2A
Epitope Specificity	161-228/228
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Cytoplasm.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	This gene is a member of the RAB gene family which belongs to the RAS GTPase superfamily. The proteins in the family of RAS-related signaling molecules are small GTP-binding proteins that play important roles in the regulation of exocytotic and endocytotic pathways. This gene maps to the site of an ancestral telomere fusion event and may be a subtelomeric gene. Two alternatively spliced transcript variants have been identified, both encoding the same protein. [provided by RefSeq, Jul 2008]

Additional Information

Gene ID	11159
Other Names	Rab-like protein 2A, 3.6.5.2, RABL2A (HGNC:9799)
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

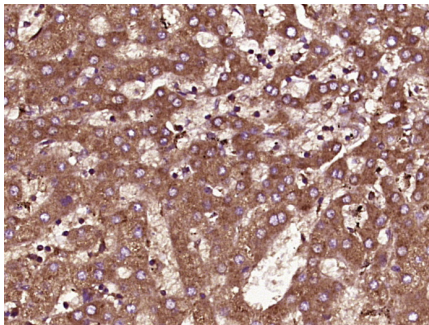
Name	RABL2A (HGNC:9799)
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Function	Small GTPase that plays an essential role in male fertility, sperm intra-flagellar transport, and tail assembly. Binds, in a GTP- regulated manner, to a specific set of effector proteins including key proteins involved in cilia development and function and delivers them into the growing sperm tail.
Tissue Location	Expressed in the testis.

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Images



Paraformaldehyde-fixed, paraffin embedded (human liver carcinoma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (RABL2A) Polyclonal Antibody, Unconjugated (AP93996) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.