

RSPH6A Rabbit pAb

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Catalog # AP57284

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q9H0K4
Reactivity	Human
Predicted	Dog, Mouse, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	80913
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human RSPH6A
Epitope Specificity	621-717/717
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	The protein encoded by this gene is similar to a sea urchin radial spoke head protein. Radial spoke protein complexes form part of the axoneme of eukaryotic flagella and are located between the axoneme's outer ring of doublet microtubules and central pair of microtubules. In Chlamydomonas, radial spoke proteins are thought to regulate the activity of dynein and the symmetry of flagellar bending patterns. This gene maps to a region of chromosome 19 that is linked to primary ciliary dyskinesia-2 (CILD2). [provided by RefSeq, Jul 2008]

Additional Information

Gene ID	81492
Other Names	Radial spoke head protein 6 homolog A, Radial spoke head-like protein 1, RSPH6A (HGNC:14241), RSHL1
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.

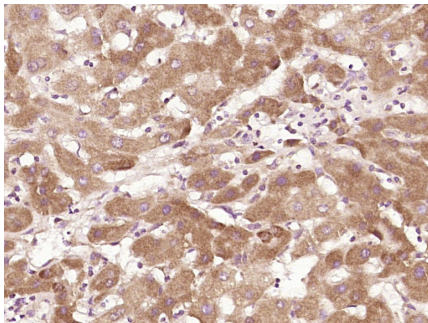
Protein Information

Name	RSPH6A (HGNC:14241)
Synonyms	RSHL1
Function	Functions as part of radial spoke complexes in the axoneme of sperm flagella that play an important part in motility. The triple radial spokes (RS1, RS2 and RS3) are required to modulate beating of the sperm flagellum.
Cellular Location	Cytoplasm, cytoskeleton, flagellum axoneme {ECO:0000250 UniProtKB:Q8CDR2}

Background

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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 (RSPH6A) Polyclonal Antibody, Unconjugated (AP57284) 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'.