

Hydin Rabbit pAb

Hydin Rabbit pAb
Catalog # AP56954

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q4G0P3
Predicted	Rat, Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	575892
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human Hydin
Epitope Specificity	4101-4200/5121
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	Cell projection, cilium
DISEASE	Primary ciliary dyskinesia 5
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 encodes a protein that may be involved in cilia motility. Mutations in this gene cause of autosomal recessive primary ciliary dyskinesia-5, a disorder characterized by the accumulation of cerebrospinal fluid within the ventricles of the brain. A duplicate copy of this gene has been found in humans on chromosome 1. [provided by RefSeq, Jan 2013]

Additional Information

Gene ID	54768
Other Names	Hydrocephalus-inducing protein homolog, HYDIN, HYDIN1, KIAA1864
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:500 0-10000
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	HYDIN
-------------	-------

Synonyms	HYDIN1, KIAA1864
Function	Required for ciliary motility (By similarity). Required for localization of SPEF2 to the ciliary axoneme in ciliated respiratory epithelial cells (PubMed: 31545650).
Cellular Location	Cell projection, cilium. Cytoplasm, cytoskeleton, cilium axoneme {ECO:0000250 UniProtKB:Q80W93}. Cell projection, cilium, flagellum. Note=Localizes in the cilium axoneme in a SPEF1-dependent manner. {ECO:0000250 UniProtKB:Q80W93}

Background

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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