

HYLS1 Rabbit pAb

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Catalog # AP56956

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q96M11
Reactivity	Rat, Mouse
Predicted	Human, Rabbit
Host	Rabbit
Clonality	Polyclonal
Calculated MW	34359
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human HYLS1
Epitope Specificity	51-150/299
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.
DISEASE	Defects in HYLS1 are the cause of hydroletharus syndrome type 1 (HLS1) [MIM:236680]. HLS1 is a lethal malformation syndrome leading to stillbirth or death shortly after birth. It is characterized by hydrocephaly with absent upper midline structures of the brain, micrognathia and polydactyly.
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 localized to the cytoplasm. Mutations in this gene are associated with hydroletharus syndrome. Multiple alternatively spliced variants, encoding the same protein, have been identified. [provided by RefSeq, Oct 2008]

Additional Information

Gene ID	219844
Other Names	Centriolar and ciliogenesis-associated protein HYLS1, Hydroletharus syndrome protein 1, HYLS1 (HGNC:26558), HLS
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.

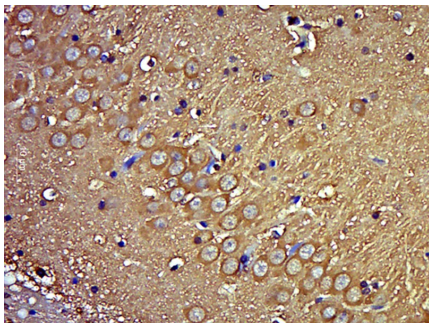
Protein Information

Name	HYLS1 (HGNC:26558)
Synonyms	HLS
Function	Plays a role in ciliogenesis.
Cellular Location	Cytoplasm. Cell projection, cilium {ECO:0000250 UniProtKB:A0A1L8ER70, ECO:0000250 UniProtKB:Q95X94}. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome, centriole {ECO:0000250 UniProtKB:A0A1L8ER70, ECO:0000250 UniProtKB:Q95X94}

Background

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Images



Paraformaldehyde-fixed, paraffin embedded (Rat brain); 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 (HYLS1) Polyclonal Antibody, Unconjugated (AP56956) 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'.