

For Research Use Only

KNCN Polyclonal antibody, PBS Only

Catalog Number: 21532-1-PBS



Basic Information

Catalog Number: 21532-1-PBS	GenBank Accession Number: BC101295	Purification Method: Antigen affinity purification
Concentration: 1 mg/ml	GeneID (NCBI): 148930	
Source: Rabbit	UNIPROT ID: A6PVL3	
Isotype: IgG	Full Name: kinocilin	
Immunogen Catalog Number: AG16160	Calculated MW: 124 aa, 13 kDa	

Applications

Tested Applications:
IHC, Indirect ELISA

Species Specificity:
human, mouse

Background Information

Kinocilin (KNCN) was first detected in the kinocilia of vestibular and auditory hair cells at embryonic days 14.5 and 18.5, respectively. In mature auditory hair cells, KNCN was present at the cuticular plate, at the base of each stereocilium. KNCN was also expressed by the pillar cells and Deiters cells, both of which contain prominent transcellular and apical bundles of microtubules. KNCN expression was detected in both cochlear and vestibular hair cells. KNCN plays a role in stabilizing dense microtubular networks or invesicular trafficking (PMID: 30254566).

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS only, pH7.3

For technical support and original validation data for this product please contact:

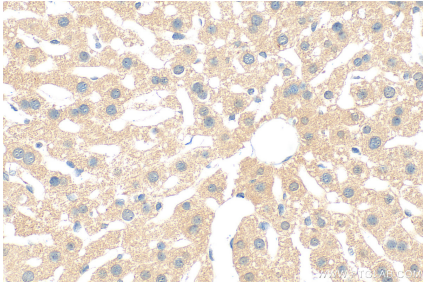
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Selected Validation Data



Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using 21532-1-AP (KCN antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 21532-1-PBS in a different storage buffer formulation.