

For Research Use Only

KIFAP3 Monoclonal antibody

Catalog Number:60266-1-Ig



Basic Information

Catalog Number: 60266-1-Ig	GenBank Accession Number: BC028679	Purification Method: Protein A purification
Size: 150ul , Concentration: 1500 ug/ml by Nanodrop and 1000 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 22920	CloneNo.: 7C9F2
Source: Mouse	UNIPROT ID: Q92845	Recommended Dilutions: WB 1:500-1:2000 IHC 1:20-1:200
Isotype: IgG2a	Full Name: kinesin-associated protein 3	
Immunogen Catalog Number: AG20809	Calculated MW: 792 aa, 91 kDa	
	Observed MW: 91-100 kDa	

Applications

Tested Applications:
WB, IHC, ELISA

Species Specificity:
human, mouse, rat

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : human testis tissue,

IHC : human testis tissue,

Background Information

KIFAP3, also known as KIF3AP or KAP3, is a novel KIF3A/3B-associated protein. It binds to the tail domain of KIF3A/3B and may play a role in regulating the binding of KIF3A/3B to cargoes. Recently it has been reported that mutation within the KIFAP3 gene is associated with decreased KIFAP3 expression and increased survival in sporadic ALS, which makes it a potential target for ALS therapy. KIFAP3 has also been identified as the target of mir-130a.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

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

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

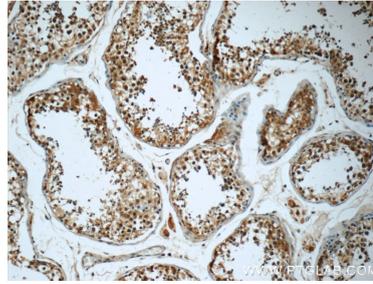
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



human testis tissue were subjected to SDS PAGE followed by western blot with 60266-1-Ig (KIFAP3 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 60266-1-Ig (KIFAP3 Antibody) at dilution of 1:50.