

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: 1500 µg/ml	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: IHC, WB, ELISA	Positive Controls:
Species Specificity: human, mouse, rat	WB : human testis tissue, IHC : human testis tissue,

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

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.

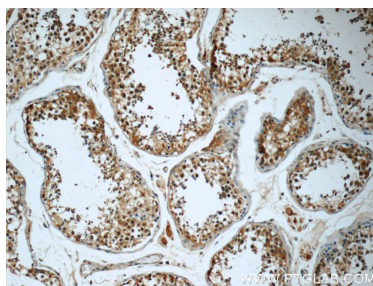
Storage

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

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.