

For Research Use Only

# KIFAP3 Monoclonal antibody, PBS Only



Catalog Number: 60266-1-PBS

## Basic Information

<b>Catalog Number:</b> 60266-1-PBS	<b>GenBank Accession Number:</b> BC028679	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug , Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 22920	<b>CloneNo.:</b> 7C9F2
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> Q92845	
<b>Isotype:</b> IgG2a	<b>Full Name:</b> kinesin-associated protein 3	
<b>Immunogen Catalog Number:</b> AG20809	<b>Calculated MW:</b> 792 aa, 91 kDa	
	<b>Observed MW:</b> 91-100 kDa	

## Applications

**Tested Applications:**  
WB, IHC, Indirect ELISA

**Species Specificity:**  
human, mouse, rat

## 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

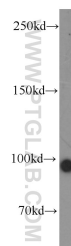
**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS Only

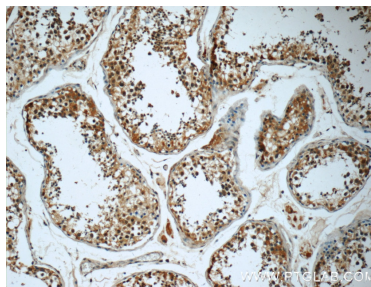
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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. This data was developed using the same antibody clone with 60266-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 60266-1-Ig (KIFAP3 Antibody) at dilution of 1:50. This data was developed using the same antibody clone with 60266-1-PBS in a different storage buffer formulation.