

For Research Use Only

# FANK1 Polyclonal antibody

Catalog Number:17167-1-AP



## Basic Information

<b>Catalog Number:</b> 17167-1-AP	<b>GenBank Accession Number:</b> BC024189	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 400 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 92565	<b>Recommended Dilutions:</b> WB 1:1000-1:6000
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q8TC84	
<b>Isotype:</b> IgG	<b>Full Name:</b> fibronectin type III and ankyrin repeat domains 1	
<b>Immunogen Catalog Number:</b> AG10639	<b>Calculated MW:</b> 345 aa, 38 kDa	
	<b>Observed MW:</b> 38-40 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : mouse testis tissue, rat testis tissue
<b>Species Specificity:</b> human, mouse, rat	

## Background Information

FANK1 (Fibronectin type 3 and ankyrin repeat domains protein 1), also known as HSD13. It is expected to be located in the nucleus. And mostly restricted to testis (PMID: 17604233). Fibronectin type III and ankyrin repeat domains 1(Fank1) is a nuclear protein expressed during the transition from the meiotic phase to the haploid phase of spermatogenesis. While little is known about the function of Fank1 during spermatogenesis, gene ontology analysis suggests that it may be a transcription factor. H. Wang explored the role of Fank1 using the yeast two-hybrid system to screen for cellular proteins that may interact with Fank1. In this screen, they identified the Jun activation domain-binding protein 1 (Jab1) as a potential Fank1-interacting protein (PMID: 20978819).

## Storage

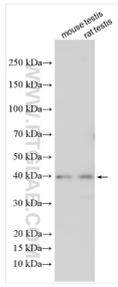
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 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  
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 17167-1-AP (FANK1 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.