

For Research Use Only

FANK1 Polyclonal antibody

Catalog Number:17167-1-AP



Basic Information

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

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : mouse testis tissue, rat testis tissue
Species Specificity: 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

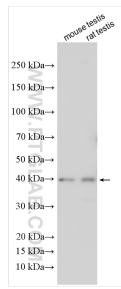
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 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)
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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.