

For Research Use Only

FANK1 Polyclonal antibody, PBS Only

Catalog Number:17167-1-PBS



Basic Information

Catalog Number: 17167-1-PBS	GenBank Accession Number: BC024189	Purification Method: Antigen affinity purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 92565	
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, Indirect ELISA

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).

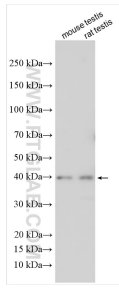
Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS Only

For technical support and original validation data for this product please contact:
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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. This data was developed using the same antibody clone with 17167-1-PBS in a different storage buffer formulation.