

For Research Use Only

JPH4 Polyclonal antibody, PBS Only

Catalog Number: 32471-1-PBS



Basic Information

Catalog Number: 32471-1-PBS	GenBank Accession Number: NM_001146028.1	Purification Method: Antigen affinity Purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 84502	
Source: Rabbit	UNIPROT ID: Q96JJ6	
Isotype: IgG	Full Name: junctophilin 4	
Immunogen Catalog Number: AG38425	Calculated MW: 66kDa 628aa	
	Observed MW: 70 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human, mouse, rat

Background Information

JPH4 (Junctophilin 4) is a member of the junctophilin family of transmembrane proteins. JPH4 is involved in the formation of junctional membrane complexes between the plasma membrane and the endoplasmic/sarcoplasmic reticulum in excitable cells. It plays a crucial role in maintaining the structural integrity and function of these complexes. JPH4 is biased in expression in the brain (RPKM 34.3) and endometrium (RPKM 8.7), among other tissues.

Storage

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

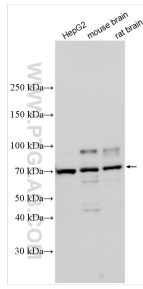
For technical support and original validation data for this product please contact:

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 32471-1-AP (JPH4 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 32471-1-PBS in a different storage buffer formulation.