

For Research Use Only

FXYD7 Polyclonal antibody

Catalog Number: 11465-1-AP



Basic Information

Catalog Number: 11465-1-AP	GenBank Accession Number: BC018619	Purification Method: Antigen affinity purification
Size: 650 µg/ml	GeneID (NCBI): 53822	Recommended Dilutions: WB 1:500-1:1000
Source: Rabbit	UNIPROT ID: P58549	
Isotype: IgG	Full Name: FXYD domain containing ion transport regulator 7	
Immunogen Catalog Number: AG2030	Calculated MW: 9 kDa	
	Observed MW: 18-20 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB: mouse brain tissue, human brain tissue, rat brain tissue
Species Specificity: human, mouse, rat, pig	

Background Information

FXYD7 (FXYD domain containing ion transport regulator 7) is a single-pass membrane protein that belongs to the FXYD family. The FXYD family, which contains seven members, are tissue specific regulators of the Na,K-ATPase. Expressed exclusively in the brain, FXYD7 is an isoform-specific Na,K-ATPase regulator which could play an important role in neuronal excitability. It has been reported that FXYD7 bears post-translationally added modifications on threonine residues and has an apparent molecular weight of 18 kDa (PMID: 12093728).

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

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

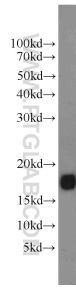
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Selected Validation Data



mouse brain tissue were subjected to SDS PAGE followed by western blot with 11465-1-AP (FXVD7 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.