

For Research Use Only

FXYD7 Polyclonal ANTIBODY

Catalog Number: 11465-1-AP



Basic Information

Catalog Number:

11465-1-AP

Size:

150UL, Concentration: 320 µg/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG2030

GenBank Accession Number:

BC018619

GeneID (NCBI):

53822

Full Name:

FXYD domain containing ion transport regulator 7

Calculated MW:

9 kDa

Observed MW:

18-20 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat, pig

Positive Controls:

WB: mouse brain tissue, human brain tissue, rat brain tissue

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 0.1% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

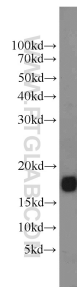
For technical support and original validation data for this product please contact:

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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.