

# FXYP7 Polyclonal antibody

Catalog Number:11465-1-AP

## Basic Information

**Catalog Number:**

11465-1-AP

**Size:**

650 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG2030

**GenBank Accession Number:**

BC018619

**GeneID (NCBI):**

53822

**UNIPROT ID:**

P58549

**Full Name:**

FXYP 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

FXYP7 (FXYP domain containing ion transport regulator 7) is a single-pass membrane protein that belongs to the FXYP family. The FXYP family, which contains seven members, are tissue specific regulators of the Na,K-ATPase. Expressed exclusively in the brain, FXYP7 is an isoform-specific Na,K-ATPase regulator which could play an important role in neuronal excitability. It has been reported that FXYP7 bears post-translationally added modifications on threonine residues and has an apparent molecular weight of 18 kDa (PMID: 12093728).

## Storage

**Storage:**

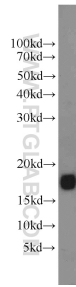
Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

## 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.