

For Research Use Only

# FABP7 Polyclonal antibody

Catalog Number: 17456-1-AP



## Basic Information

### Catalog Number:

17456-1-AP

### Size:

150ul, Concentration: 450 ug/ml by Nanodrop and 333 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG10990

### GenBank Accession Number:

BC012299

### GeneID (NCBI):

2173

### UNIPROT ID:

O15540

### Full Name:

fatty acid binding protein 7, brain

### Calculated MW:

132aa, 15 kDa; 166aa, 19 kDa

### Observed MW:

15 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:1000

## Applications

### Tested Applications:

WB, ELISA

### Species Specificity:

human

### Positive Controls:

WB : human brain tissue,

## Background Information

FABP7 (Fatty Acid Binding Protein-7), also known as B-FABP (Brain Fatty Acid-Binding Protein), is a member of FABP family which are intracellular proteins involved in lipid metabolism. Normally FABP7 is mainly expressed in brain and other neural tissues and is important in early nervous system development. In addition, FABP7 is considered a marker for some brain tumors and may have a role in tumorigenesis in the peripheral nervous system and in several extra nervous system neoplasms such as breast cancer, renal cancer, and melanoma. This antibody was raised against the full-length human FABP7 and may cross-react with other FABPs.

## 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

\*\*\* 20ul sizes contain 0.1% BSA

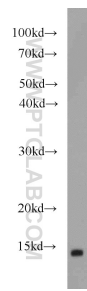
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## Selected Validation Data



human brain tissue were subjected to SDS PAGE followed by western blot with 17456-1-AP (FABP7 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.