

For Research Use Only

FABP7 Polyclonal antibody

Catalog Number: 17456-1-AP



Basic Information

Catalog Number: 17456-1-AP	GenBank Accession Number: BC012299	Purification Method: Antigen affinity purification
Size: 450 µg/ml	GeneID (NCBI): 2173	Recommended Dilutions: WB 1:500-1:1000
Source: Rabbit	UNIPROT ID: O15540	
Isotype: IgG	Full Name: fatty acid binding protein 7, brain	
Immunogen Catalog Number: AG10990	Calculated MW: 132aa, 15 kDa; 166aa, 19 kDa	
	Observed MW: 15 kDa	

Applications

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

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

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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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.