

BLBP Rabbit pAb

CatalogNo: YT5901

Key Features

Host Species

- Rabbit

Reactivity

- Human,Rat

Applications

- WB,ELISA

MW

- 15kD (Observed)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-2000

ELISA 1:10000-20000

Storage

Storage* -15°C to -25°C/1 year(Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen Synthetic peptide from human protein at AA range: 80-132

Specificity The antibody detects endogenous BLBP

Target Information

Gene name FABP7 BLBP FABPB MRG

Protein Name Fatty acid-binding protein, brain (Brain lipid-binding protein) (BLBP) (Brain-type fatty acid-binding protein) (B-FABP) (Fatty acid-binding protein 7) (Mammary-derived growth inhibitor related)

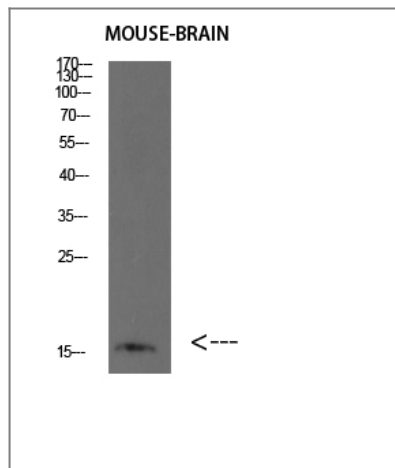
Organism	Gene ID	UniProt ID
Human	2173 ;	O15540 ;
Mouse	12140 ;	P51880 ;
Rat		P55051 ;

Cellular Localization Cytoplasm.

Tissue specificity Expressed in brain and other neural tissues.

Function Domain:Forms a beta-barrel structure that accommodates the hydrophobic ligand in its interior.,Function:B-FABP could be involved in the transport of a so far unknown hydrophobic ligand with potential morphogenic activity during CNS development. It is required for the establishment of the radial glial fiber system in developing brain, a system that is necessary for the migration of immature neurons to establish cortical layers.,similarity:Belongs to the calycin superfamily. Fatty-acid binding protein (FABP) family.,tissue specificity:Expressed in brain and other neural tissues.,

Validation Data



Western blot analysis of HEPG2 293T SHY5Y Jurkat lysate, antibody was diluted at 500. Secondary antibody(catalog#:RS0002) was diluted at 1:20000

Contact information

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