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Rabbit Anti-BLBP antibody

SL2135R

Product Name:	BLBP
Chinese Name:	脑型脂肪酸Binding protein抗体
Alias:	Fatty acid-binding protein brain; FABP; BFABP; Brain lipid binding protein; DKFZp547J2313; FABP 7; FABP7; FABPB; Fatty Acid Binding Protein 7; Fatty acid binding protein 7 brain; Fatty acid binding protein brain; Mammary derived growth inhibitor related; MRG; OTTHUMP00000017119; BP7_HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500（Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	15kDa
Cellular localization:	cytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human FABPB:1-100/132
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	The protein encoded by this gene is a brain fatty acid binding protein. Fatty acid binding proteins (FABPs) are a family of small, highly conserved, cytoplasmic proteins that bind long-chain fatty acids and other hydrophobic ligands. FABPs are thought to play roles in fatty acid uptake, transport, and metabolism. [provided by RefSeq, Jul 2008]

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.

Subcellular Location:
Cytoplasm.

Tissue Specificity:
Expressed in brain and other neural tissues.

Similarity:
Belongs to the calycin superfamily. Fatty-acid binding protein (FABP) family.

SWISS:
O15540

Gene ID:
2173

Database links:

Entrez Gene: 2173 Human

Entrez Gene: 12140 Mouse

Entrez Gene: 80841 Rat

Omim: 602965 Human

SwissProt: O15540 Human

SwissProt: P51880 Mouse

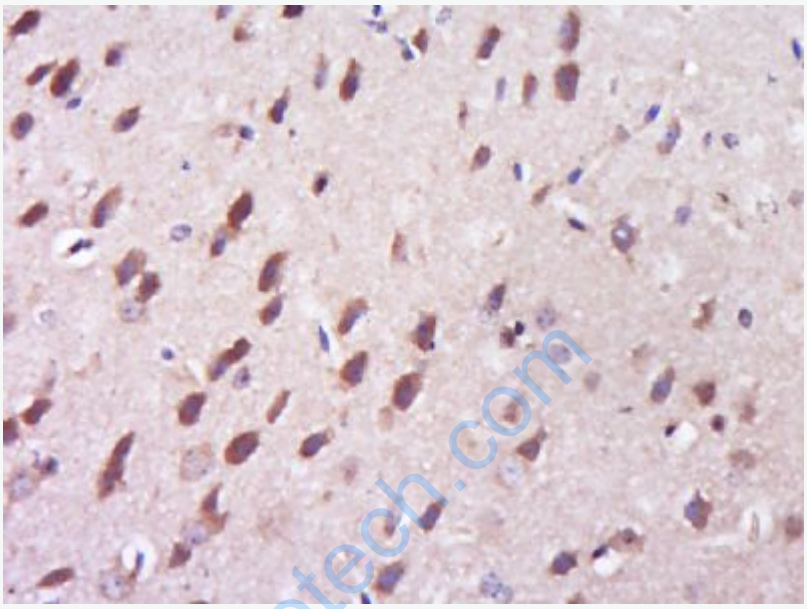
SwissProt: P55051 Rat

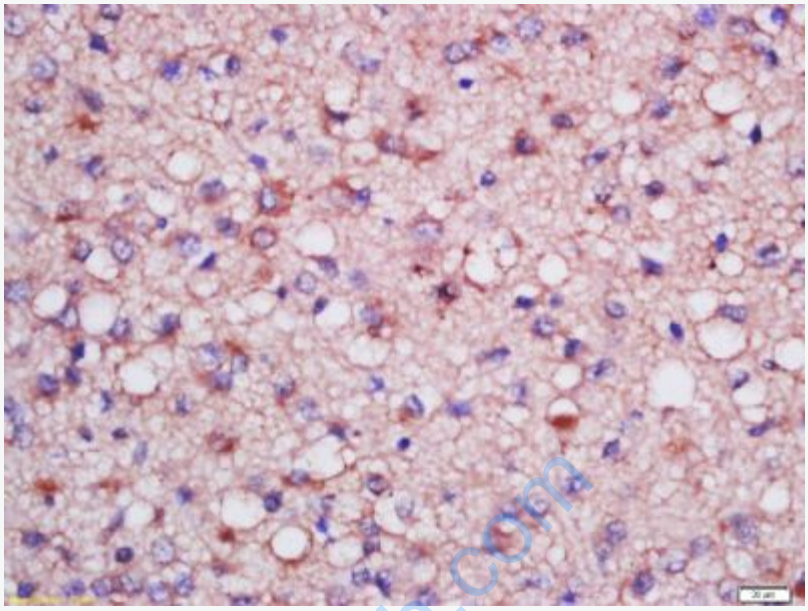
Unigene: 26770 Human

Unigene: 3644 Mouse

Unigene: 10014 Rat

Important Note:
This product as supplied is intended for research use only, not for use in human,

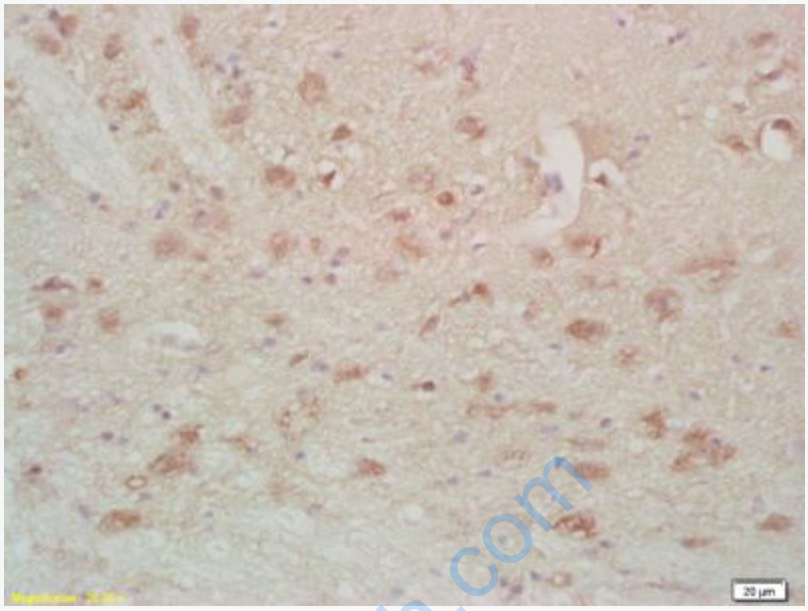
	therapeutic or diagnostic applications. Neuronal Marker (神经细胞Maker)
Picture:	 Paraformaldehyde-fixed, paraffin embedded (Mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (FABPB) Polyclonal Antibody, Unconjugated (SL2135R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Tissue/cell: human gliomas tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;

Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37℃ for 20 min;

Incubation: Anti-FABPB Polyclonal Antibody, Unconjugated(SL2135R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



Tissue/cell: Rat brain; 4% Paraformaldehyde-fixed and paraffin-embedded;

Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37℃ for 20 min;

Incubation: Anti-FABPB Polyclonal Antibody, Unconjugated(SL2135R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining