

Product datasheet for **AM09059PU-N**

BLBP (FABP7) Mouse Monoclonal Antibody [Clone ID: AT1D1]

Product data:

Product Type:	Primary Antibodies
Clone Name:	AT1D1
Applications:	ELISA, IHC, WB
Recommended Dilution:	ELISA. Western blot (1/1,000-1/2,000). Immunofluorescence. Immunohistochemistry on Paraffin Sections (5 µg/ml).
Reactivity:	Human, Mouse
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	Recombinant Human FABP7 (aa 1-132) purified from <i>E. coli</i>
Specificity:	The antibody recognizes Human and Mouse FABP7. Other species not tested.
Formulation:	PBS, pH 7.4 containing 0.02% Sodium Azide and 10% Glycerol State: Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein G
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	fatty acid binding protein 7
Database Link:	<u>Entrez Gene 12140 Mouse</u> <u>Entrez Gene 2173 Human</u> <u>O15540</u>



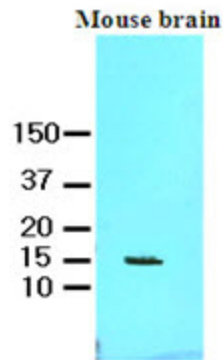
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Background: FABP7 (Fatty acid binding protein 7) is also known as brain fatty acid-binding protein (B-FABP) and is a member of fatty acid-binding proteins (FABPs) which are a family of small, highly conserved, cytoplasmic proteins to bind long-chain fatty acids and other hydrophobic ligands. FABP7 is expressed in radial glia by the activation of Notch receptors and binds DHA with the highest affinity among all of FABPs.

Synonyms: B-FABP, Fatty acid-binding protein 7, BLBP, FABPB, MRG

Protein Pathways: PPAR signaling pathway

Product images:



Western blot analysis: Cell lysates of mouse brain (60 ug) were resolved by SDS-PAGE, transferred to NC membrane and probed with anti-human FABP7 (1:1000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system.