

ARG56976
anti-FABP7 antibody [1D1]Package: 50 µl
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody [1D1] recognizes FABP7
Tested Reactivity	Hu, Ms
Tested Application	WB
Host	Mouse
Clonality	Monoclonal
Clone	1D1
Isotype	IgG2b, kappa
Target Name	FABP7
Species	Human
Immunogen	Recombinant fragment around aa. 1-132 of Human FABP7.
Conjugation	Un-conjugated
Alternate Names	BLBP; Fatty acid-binding protein, brain; FABPB; Mammary-derived growth inhibitor related; Brain lipid-binding protein; B-FABP; LTR2-FABP7; Brain-type fatty acid-binding protein; Fatty acid-binding protein 7; MRG

Application Instructions

Application table	Application	Dilution
	WB	1:1000 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

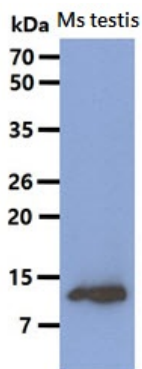
Properties

Form	Liquid
Purification	Purification with Protein G.
Buffer	PBS (pH 7.4), 0.02% Sodium azide and 10% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	10% Glycerol
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

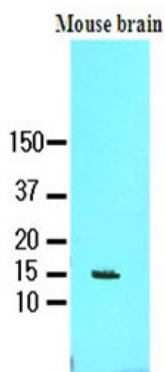
Database links	GeneID: 12140 Mouse GeneID: 2173 Human Swiss-port # O15540 Human Swiss-port # P51880 Mouse
Gene Symbol	FABP7
Gene Full Name	fatty acid binding protein 7, brain
Background	The protein encoded by this gene is a brain fatty acid binding protein. Fatty acid binding proteins (FABPs) are a family 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 (By similarity). [UniProt]
Calculated Mw	15 kDa

Images



ARG56976 anti-FABP7 antibody [1D1] WB image

Western blot: 40 µg of Mouse testis tissue lysate stained with ARG56976 anti-FABP7 antibody [1D1] at 1:3000.



ARG56976 anti-FABP7 antibody [1D1] WB image

Western blot: 60 µg of Mouse brain stained with ARG56976 anti-FABP7 antibody [1D1] at 1:1000.