

Anti-FABP7 antibody

Cat. No.	ml220620
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-FABP7 rabbit polyclonal antibody
Applications	ELISA, WB, IHC
Immunogen	Fusion protein of human FABP7
Reactivity	Human, Mouse, Rat
Content	0.4 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	FABP7
Full name	fatty acid binding protein 7, brain

Synonyms MRG, BLBP, FABPB, B-FABP

Swissprot O15540

Target 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. 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.

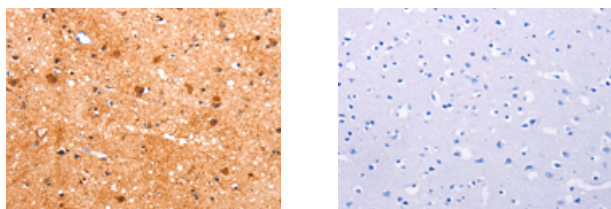
Applications

Immunohistochemistry

Predicted cell location: Cytoplasm

Positive control: Human brain

Recommended dilution: 50-150



The image on the left is immunohistochemistry of paraffin-embedded Human brain tissue using ml220620(FABP7 Antibody) at dilution 1/22, on the right is treated with fusion protein. (Original magnification: $\times 200$)

Western blotting

Predicted band size: 15 kDa

Positive control: Human fetal brain tissue

Recommended dilution: 500-2000

Gel: 8+12%SDS-PAGE

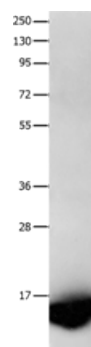
Lysate: 30 µg

Lane: Human fetal brain tissue

Primary antibody: ml220620(FABP7 Antibody) at dilution 1/450

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 30 seconds



ELISA

Recommended dilution: 1000-5000

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