

FABP7 Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP5028b**Specification**

FABP7 Antibody (C-term) - Product Information

Application	WB, IHC-P,E
Primary Accession	O15540
Other Accession	Q05423 , Q09139
Reactivity	Human, Mouse
Predicted	Bovine, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Antigen Region	104-132

FABP7 Antibody (C-term) - Additional Information**Gene ID** 2173**Other Names**

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, FABP7, BLBP, FABPB, MRG

Target/Specificity

This FABP7 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 104-132 amino acids from the C-terminal region of human FABP7.

Dilution

WB~~1:1000
IHC-P~~1:50~100

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

FABP7 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

FABP7 Antibody (C-term) - Protein Information**Name** FABP7

Synonyms BLBP, FABPB, MRG

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).

Cellular Location

Cytoplasm.

Tissue Location

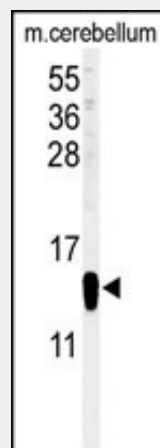
Expressed in brain and other neural tissues.

FABP7 Antibody (C-term) - Protocols

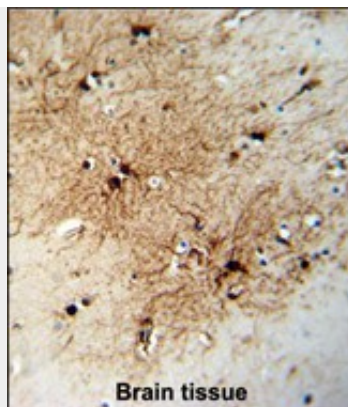
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

FABP7 Antibody (C-term) - Images



Western blot analysis of FABP7 Antibody (C-term) (Cat. #AP5028b) in mouse cerebellum tissue lysates (35ug/lane). FABP7 (arrow) was detected using the purified Pab.



FABP7 Antibody (C-term) (Cat. #AP5028b) immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the FABP7 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.

FABP7 Antibody (C-term) - Background

FABP7 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.

FABP7 Antibody (C-term) - References

Iwayama, Y., et al. Am. J. Med. Genet. B Neuropsychiatr. Genet. 153B (2), 484-493 (2010)
Maekawa, M., et al. J. Hum. Genet. 55(2):127-130(2010)
Goto, Y., et al. J. Invest. Dermatol. 130(1):221-229(2010)