

Datasheet for ABIN499816
anti-FABP7 antibody (Center)

2 Images



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Overview

Quantity:	0.1 mg
Target:	FABP7
Binding Specificity:	Center
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FABP7 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	FABP7 antibody was raised against a 17 amino acid peptide from near the center of human FABP7.
Isotype:	IgG
Purification:	Affinity chromatography purified via peptide column

Target Details

Target:	FABP7
Alternative Name:	FABP7 (FABP7 Products)
Background:	FABP7 was initially isolated from a human fetal brain cDNA library and whose mRNA was expressed in adult brain and muscle tissues at low levels. The protein encoded by this gene is a

Target Details

member of the fatty acid binding protein (FABPs) family, a group 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 is a downstream gene of the Pax6 transcription factor and has been suggested to be essential for the maintenance of neuroepithelial cells during early cortical development. More recently, FABP7 was found to be frequently expressed in melanomas. Down-regulation of FABP7 through RNAi expression could reduce in vitro cell proliferation and Matrigel invasion, suggesting that FABP7 may be a potential target for the development of diagnostic and therapeutic tools. Synonyms: B-FABP, BLBP, Fatty acid binding protein 7, MRG

UniProt: [Q9H047](#)

Application Details

Application Notes: ELISA. Western Blot: 0.5 - 1 µg/mL. Immunohistochemistry.
Other applications not tested.
Optimal dilutions are dependent on conditions and should be determined by the user.

Restrictions: For Research Use only

Handling

Concentration: 1 mg/mL

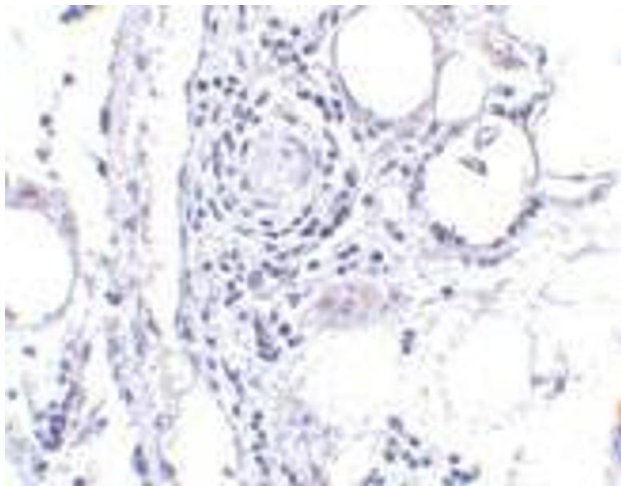
Buffer: PBS containing 0.02 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

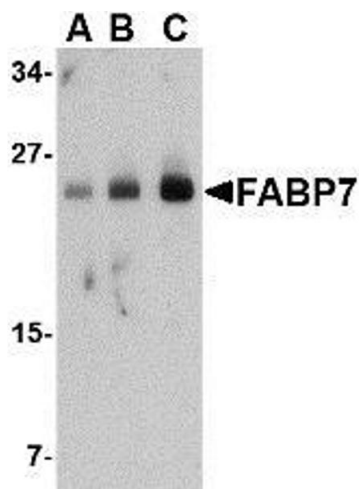
Storage: 4 °C

Storage Comment: Store the antibody undiluted at 2-8 °C.



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of FABP7 in human breast tissue with FABP7 antibody at 5 µg/ml.



Western Blotting

Image 2. Western blot analysis of FABP7 in human breast tissue lysate with AP30326PU-N FABP7 antibody at (A) 0.5, (B) 1 and (C) 2 µg/ml.