

Datasheet

FABP7 polyclonal antibody

Catalog Number: PAB13002

Regulation Status: For research use only (RUO)

Product Description: Rabbit polyclonal antibody raised against synthetic peptide of FABP7.

Immunogen: A synthetic peptide corresponding to internal region 17 amino acids of human FABP7.

Host: Rabbit

Reactivity: Human

Applications: IHC-P, WB-Ti

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Form: Liquid

Recommend Usage: Western Blot (0.5-1 ug/mL)

The optimal working dilution should be determined by the end user.

Storage Buffer: In PBS (0.02% sodium azide)

Storage Instruction: Store at 4°C for three months. For long term storage store at -20°C.

Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 2173

Gene Symbol: FABP7

Gene Alias: B-FABP, BLBP, DKFZp547J2313, FABPB, MRG

Gene Summary: 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]

References:

1. A new melanoma antigen fatty acid-binding protein 7, involved in proliferation and invasion, is a potential target for immunotherapy and molecular target therapy. Goto Y, Matsuzaki Y, Kurihara S, Shimizu A, Okada T, Yamamoto K, Murata H, Takata M, Aburatani H, Hoon DS, Saida T, Kawakami Y. Cancer Res. 2006 Apr 15;66(8):4443-9.
2. The multigene family of fatty acid-binding proteins (FABPs): function, structure and polymorphism. Chmurzynska A. J Appl Genet. 2006;47(1):39-48.
3. Role of Fabp7, a downstream gene of Pax6, in the maintenance of neuroepithelial cells during early embryonic development of the rat cortex. Arai Y, Funatsu N, Numayama-Tsuruta K, Nomura T, Nakamura S, Osumi N. J Neurosci. 2005 Oct 19;25(42):9752-61.