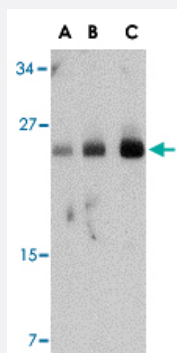


# FABP7 polyclonal antibody

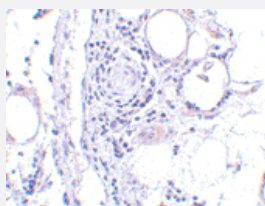
Catalog # PAB13002      Size 100 ug

## Applications



### Western Blot (Tissue lysate)

Western blot analysis of FABP7 in human breast tissue lysate with FABP7 polyclonal antibody (Cat # PAB13002) at (A) 0.5, (B) 1 and (C) 2 ug/mL .



### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemistry of FABP7 in human breast tissue with FABP7 polyclonal antibody (Cat # PAB13002) at 5 ug/mL .

## Specification

<b>Product Description</b>	Rabbit polyclonal antibody raised against synthetic peptide of FABP7.
<b>Immunogen</b>	A synthetic peptide corresponding to internal region 17 amino acids of human FABP7.
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human
<b>Form</b>	Liquid
<b>Recommend Usage</b>	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.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Western Blot (Tissue lysate)

Western blot analysis of FABP7 in human breast tissue lysate with FABP7 polyclonal antibody (Cat # PAB13002) at (A) 0.5, (B) 1 and (C) 2 ug/mL .

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemistry of FABP7 in human breast tissue with FABP7 polyclonal antibody (Cat # PAB13002) at 5 ug/mL .

## Gene Info — FABP7

Entrez GeneID	<a href="#">2173</a>
Protein Accession#	<a href="#">EAW48166</a>
Gene Name	FABP7
Gene Alias	B-FABP, BLBP, DKFZp547J2313, FABPB, MRG
Gene Description	fatty acid binding protein 7, brain
Omim ID	<a href="#">602965</a>
Gene Ontology	<a href="#">Hyperlink</a>
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]
Other Designations	OTTHUMP00000017118 brain lipid binding protein mammary-derived growth inhibitor-related

## Publication Reference

- [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 Research 2006 Apr; 66(8):4443.

Application: IHC-P, WB-Ce, WB-Tr, Human, HEK 293T, U251, WM266 cells, Human melanoma

- [The multigene family of fatty acid-binding proteins \(FABPs\): function, structure and polymorphism.](#)

Chmurzynska A.

Journal of Applied Genetics 2006 Jan; 47(1):39.

Application: IHC-P, Human, Human brain

- [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.

Journal of Neuroscience 2005 Oct; 25(42):9752.

Application: IF, IHC-Fr, Rat, NEp cells, Rat embryos

## Pathway

- [PPAR signaling pathway](#)

## Disease

- [Autistic Disorder](#)
- [Bipolar Disorder](#)
- [Genetic Predisposition to Disease](#)
- [Schizophrenia](#)