

Rabbit FABP7 Polyclonal Antibody | anti-FABP7 antibody

Phospho-FABP7 (Thr117) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA328238	Rabbit	Human, Mouse, RatPredicted: Pig, Bovine, Horse, Sheep, Dog, Chicken, Xenopus	ELISA, Immunohistochemistry, Western Blot

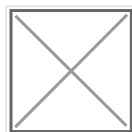
PRODUCT SYNONYMS

FABP7; Polyclonal Antibody; Phospho-FABP7 (Thr117) Antibody; B FABP; B-FABP; BFABP; BLBP; Brain lipid binding protein; Brain lipid-binding protein; Brain-type fatty acid-binding protein; DKFZp547J2313; FABP 7; FABP7_HUMAN; FABPB; Fatty Acid Binding Protein 7; Fatty acid binding protein 7 brain; Fatty acid binding protein brain; Fatty acid-binding protein 7; Fatty acid-binding protein; brain; Mammary derived growth inhibitor related; Mammary-derived growth inhibitor related; MRG; OTTHUMP00000017119; anti-FABP7 antibody

PRODUCT SPECIFICATIONS

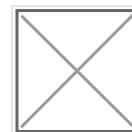
Host	Rabbit
Reactivity	Human, Mouse, Rat Predicted: Pig, Bovine, Horse, Sheep, Dog, Chicken, Xenopus
Clonality	Polyclonal
Isotype	IgG
Specificity	Phospho-FABP7(Thr117) Antibody detects endogenous levels of FABP7 only when phosphorylated at Thr117.
Purity/Purification	Purified rabbit serum by affinity purification via sequential chromatography on phospho- and non-phospho-peptide affinity columns.
Form/Format	Liquid; Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	132
Applicable Applications for anti-FABP7 antibody	ELISA (Peptide ELISA), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human FABP7 around the phosphorylation site of Thr117.
Tissue Specificity	Expressed in brain and other neural tissues.
Subcellular Location	Cytoplasm
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of extracts of Mouse brain tissue sample, using Phospho-FABP7(Thr117) Antibody.



IHC (Immunohistochemistry)

At 1/100 staining mouse brain tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary



IHC (Immunohistochemistry)

At 1/100 staining rat brain tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary



IHC (Immunohistochemistry)

At 1/100 staining human brain tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary

ADDITIONAL INFORMATION

Related Product Information for anti-FABP7 antibody

Description: 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).

Similarity: Forms a beta-barrel structure that accommodates the hydrophobic ligand in its interior. Belongs to the calycin superfamily. Fatty-acid binding protein (FABP) family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	3122076
NCBI GeneID	2173
UniProt Accession #	O15540
Molecular Weight	Observed: 15 kDa Predicted: 15 kDa
NCBI Official Full Name	Fatty acid-binding protein, brain
NCBI Official Synonym Full Names	fatty acid binding protein 7
NCBI Official Symbol	FABP7
NCBI Official Synonym Symbols	MRG; BLBP; FABPB; B-FABP
NCBI Protein Information	fatty acid-binding protein, brain
UniProt Protein Name	Fatty acid-binding protein, brain
UniProt Gene Name	FABP7
UniProt Synonym Gene Names	BLBP; FABPB; MRG; BLBP; B-FABP
UniProt Entry Name	FABP7_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/fabp7-antibody-peptide-elisa-immunohistochemistry-western-blot-elisa/328238>