

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human FABP7/B-FABP in direct ELISAs and Western blots. In direct ELISAs, less than 5% cross-reactivity with recombinant human (rh) FABP1, rhFABP2, rhFABP3, rhFABP4, rhFABP5, rhFABP6, rhFABP8, rhFABP9 and recombinant mouse FABP9 is observed.
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	<i>E. coli</i> -derived recombinant human FABP7/B-FABP Met1-Ala132 Accession # O15540
Conjugate	Alexa Fluor 700 Excitation Wavelength: 675-700 nm Emission Wavelength: 723 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. [General Protocols](#) are available in the Technical Information section on our website.

Western Blot	Optimal dilution of this antibody should be experimentally determined.
Immunohistochemistry	Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

BACKGROUND

FABP7, also known as (Brain) B-FABP, Brain lipid-binding protein (BLBP), and mammary-derived growth inhibitor-related (MRG), belongs to the family of intracellular lipid-binding proteins. It is involved in fatty acid uptake and intracellular transport and is important in brain development. Human and mouse FABP7 share 86% amino acid sequence identity.

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