Mouse/Rat FABP2/I-FABP Alexa Fluor® 700-conjugated Antibody

Antigen Affinity-purified Polyclonal Goat IgG
Catalog Number: AF1486N
100 µg

DESCRIPTION

Species Reactivity	Mouse/Rat
Specificity	Detects mouse and rat FABP2/I-FABP in Western blots. Detects rat FABP2/I-FABP in direct ELISAs. In direct ELISAs and Western blots, less than 5% cross-reactivity with recombinant rat FABP1, recombinant human FABP3, recombinant mouse (rm) FABP4,
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	*E. coli*-derived recombinant rat FABP2/I-FABP Met1-Glu132 Accession # P02693
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.
Immunocytochemistry	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

FABP2, also named I-FABP and gFABP, is a member of the intracellular fatty acid binding protein family. It is highly expressed in the intestine. FABP2 binds fatty acid in a non-covalent 1:1 complex to chaperone the lipids to cellular enzymes for metabolism and signal transduction.

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