

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human FABP4/A-FABP in direct ELISAs and Western blots. In direct ELISAs, approximately 60% cross-reactivity with recombinant mouse (rm) FABP4 is observed, approximately 30% cross-reactivity with recombinant human (rh) FABP3 is observed.
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	<i>E. coli</i> -derived recombinant human FABP4/A-FABP Cys2-Ala132 Accession # P15090
Conjugate	Alexa Fluor 647 Excitation Wavelength: 650 nm Emission Wavelength: 668 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.
ELISA	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

FABP4, also known as adipocyte P2 and A-FABP (adipocyte FABP), is a FABP family member that is expressed in adipocytes and monocyte-derived foam cells. It is a lipid transport protein that binds long chain fatty acid and retinoic acid. Human and mouse FABP4 share 91% amino acid sequence homology.

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