

DESCRIPTION

Species Reactivity	Mouse
Specificity	Detects mouse FABP5/E-FABP in direct ELISAs and Western blots. In Western blots, less than 5% cross-reactivity with recombinant mouse FABP4 and recombinant human (rh) FABP3 is observed and less than 1% cross-reactivity with recombinant rat (rr) FABP2 and rrFABP1 is observed.
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	<i>E. coli</i> -derived recombinant mouse FABP5/E-FABP Met1-Gln135 Accession # Q05816
Formulation	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose. See Certificate of Analysis for details.

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.

	Recommended Concentration	Sample
Western Blot	0.1 µg/mL	Recombinant Mouse FABP5
Immunohistochemistry	5-15 µg/mL	Perfusion fixed frozen sections of mouse intestine, liver, skin, and thymus

PREPARATION AND STORAGE

Reconstitution	Reconstitute at 0.2 mg/mL in sterile PBS.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	<p>Use a manual defrost freezer and avoid repeated freeze-thaw cycles.</p> <ul style="list-style-type: none"> ● 12 months from date of receipt, -20 to -70 °C as supplied. ● 1 month from date of receipt, 2 to 8 °C, reconstituted. ● 6 months from date of receipt, -20 to -70 °C, reconstituted.

BACKGROUND

Mouse FABP5, also named Keratinocyte lipid-binding protein (KLBP) and Mal-1, is a member of the intracellular FABP family. It is expressed most abundantly in keratinocytes but is also found in differentiated adipocytes, macrophages and stratified epithelia of epidermis and tongue.