

**DESCRIPTION**

<b>Species Reactivity</b>	Mouse
<b>Specificity</b>	Detects mouse FABP9/T-FABP in direct ELISAs and Western blots. In direct ELISAs and Western blots, approximately 10% cross-reactivity with recombinant human FABP3 and recombinant mouse FABP4 is observed and less than 1% cross-reactivity with recombinant rat (rr) FABP1 and rrFABP2 is observed.
<b>Source</b>	Polyclonal Goat IgG
<b>Purification</b>	Antigen Affinity-purified
<b>Immunogen</b>	<i>E. coli</i> -derived recombinant mouse FABP9/T-FABP Met1-Val132 Accession # O08716
<b>Formulation</b>	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose.

**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.

	<b>Recommended Concentration</b>	<b>Sample</b>
<b>Western Blot</b>	0.1 µg/mL	Recombinant Mouse FABP9
<b>Immunohistochemistry</b>	5-15 µg/mL	Perfusion fixed frozen sections of mouse testis

**PREPARATION AND STORAGE**

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

**BACKGROUND**

FABP9, also known as Testis FABP (T-FABP), testis lipid binding protein (TLBP), and PERF15, belongs to the FABP family of cytoplasmic proteins that are expressed in a tissue-specific manner. FABP binds fatty acid ligands with high-affinity and may be involved in modulating lipid metabolism. Mouse and rat FABP9 share 99% amino acid sequence identity.