

Anti-FABP3 Antibody (7G722)

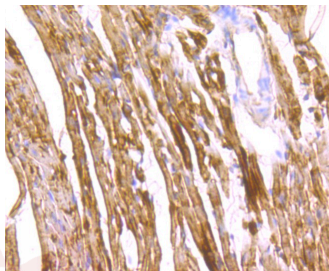
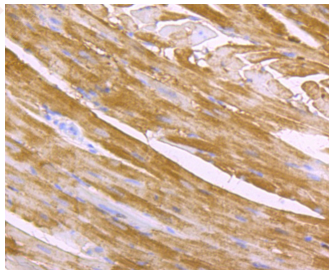
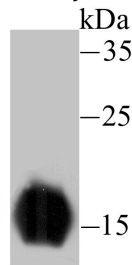
Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Conjugation:	Unconjugated
Molecular Weight:	Theoretical: 15 kDa.
Clone:	7G722
Purification:	ProA affinity purified

Applications

Verified Activity:

1. Western blot analysis of Cardiac FABP3 on rat heart tissue lysate using anti- Cardiac FABP3 antibody at 1/500 dilution.
2. Immunohistochemical analysis of paraffin-embedded rat heart tissue using anti- Cardiac FABP3 antibody. Counter stained with hematoxylin.
3. Immunohistochemical analysis of paraffin-embedded mouse heart tissue using anti- Cardiac FABP3 antibody. Counter stained with hematoxylin.



Application:	IHC,WB
Recommended	WB: 1:2000-5000; IHC: 1:50-200

Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

Immunogen: Recombinant Protein

Uniprot ID: P11404

Synonyms: Heart-type fatty acid-binding protein (H-FABP);heart;Fabp3;Fatty acid-binding protein 3;Fatty acid-binding protein, heart

Research Background

Fatty acid-binding proteins, designated FABPs, are a family of homologous cytoplasmic proteins that are expressed in a highly tissue-specific manner and play an integral role in the balance between lipid and carbohydrate metabolism. FABPs mediate fatty acid (FA) and/or hydrophobic ligand uptake, transport and targeting within their respective tissues. The mechanisms underlying these actions can give rise to both passive diffusional uptake and protein-mediated transmembrane transport of FAs. FABPs are expressed in adipocytes (A-FABP), brain (B-FABP), epidermis (E-FABP, also designated psoriasis-associated FABP or PA-FABP), muscle and heart (H-FABP, also designated mammary-derived growth inhibitor or MDGI), intestine (I-FABP), liver (L-FABP), myelin (M-FABP) and testis (T-FABP).

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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