



H-FABP mouse mAb

Catalog No	YP-Ab-04497
Isotype	IgG
Reactivity	0
Applications	sELISA;Detector
Gene Name	fabp3
Protein Name	
Immunogen	Purified recombinant H-FABP protein expressed in E.coli
Specificity	
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse
Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen.
Dilution	ELISA 1:10000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	422 protein; Cardiac Fatty Acid Binding Protein; FABP 11; FABP 3; FABP11; FABP3; FABPH_HUMAN; fatty acid binding protein 11; Fatty acid binding protein 3; Fatty acid binding protein 3 muscle and heart; Fatty acid binding protein 3 muscle and heart mammary derived growth inhibitor; Fatty acid binding protein 3 muscle; Fatty acid binding protein 3, muscle and heart (mammary derived growth inhibitor); Fatty acid binding protein 3, muscle; Fatty acid binding protein heart; Fatty acid binding protein, heart; Fatty acid binding protein, muscle and heart; Fatty acid binding protein, skeletal muscle; Fatty acid-binding protein 3; Fatty acid-binding protein; H FABP; H-FABP; heart; Heart type fatty acid binding protein; Heart-type fatty acid-binding protein; M FABP; M-FABP; mammary derived growth inhibitor; Mammary-derived growth inhibitor; MDGI; Muscle fatty acid binding protein; Muscle fatty acid-binding protein; mylein protein P2 homolog; O FABP; OTTHUMP00000003898; P2 adipocyte protein.
Observed Band	
Cell Pathway	Cytoplasm.
Tissue Specificity	Fetal brain cortex,Heart,Liver,Mammary gland,Skeletal muscle,



Function

domain:Forms a beta-barrel structure that accommodates the hydrophobic ligand in its interior.,function:FABP are thought to play a role in the intracellular transport of long-chain fatty acids and their acyl-CoA esters.,similarity:Belongs to the calycin superfamily. Fatty-acid binding protein (FABP) family.,

Background

The intracellular fatty acid-binding proteins (FABPs) belongs to a multigene family. FABPs are divided into at least three distinct types, namely the hepatic-, intestinal- and cardiac-type. They form 14-15 kDa proteins and are thought to participate in the uptake, intracellular metabolism and/or transport of long-chain fatty acids. They may also be responsible in the modulation of cell growth and proliferation. Fatty acid-binding protein 3 gene contains four exons and its function is to arrest growth of mammary epithelial cells. This gene is a candidate tumor suppressor gene for human breast cancer. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Mar 2016],

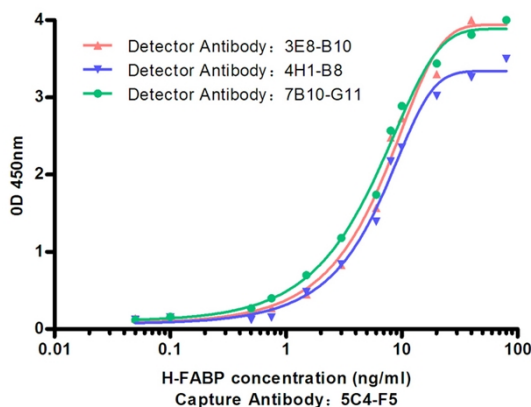
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Standard Curve for H-FABP: Capture Antibody Mouse mAb (5C4-F5) to H-FABP at 4µg/ml and Detector Antibody Mouse mAb(3E8-B10、7B10-G11、4H1-B8)to H-FABP at 0.08 µg/ml.