Best Tools for immunology Research

H-FABP mouse mAb

Catalog No :	YM1442
Reactivity :	Human(predicted:Mouse)
Applications :	sELISA;Detector
Target :	H-FABP
Fields :	>>PPAR signaling pathway
Gene Name :	fabp3
Human Gene Id :	2170
Human Swiss Prot No :	P05413
Mouse Swiss Prot No :	P11404
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
Dilution :	ELISA 1:10000-20000
Purification :	The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Observed Band :	

Cell Pathway : PPAR;

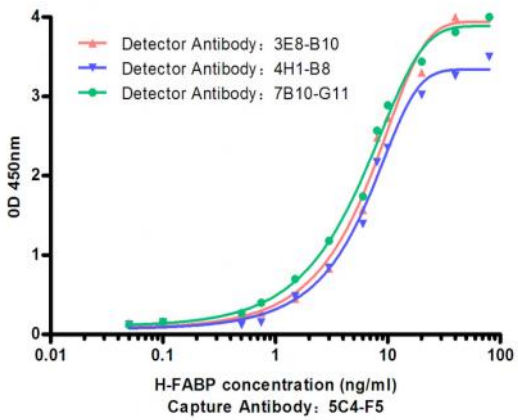
Background : The intracellular fatty acid-binding proteins (FABPs) belongs to a multigene family. FABPs are divided into at least three distinct types, namely the hepatic-, intestinal- and cardiac-type. They form 14-15 kDa proteins and are thought to participate in the uptake, intracellular metabolism 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],

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.,

Subcellular Location : Cytoplasm.

Expression : Fetal brain cortex,Heart,Liver,Mammary gland,Skeletal muscle,

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.