Product Datasheet

FABP3 Antibody HRP Conjugated

Catalog No: #C01081H

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Description

Product Name	FABP3 Antibody HRP Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	,IHC-P,IHC-F,ICC
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic peptide aa 6-20 133 derived from human FABP3
Conjugates	HRP
Target Name	FABP3
Other Names	MDGI; FABP11; H-FABP; M-FABP; O-FABP; Fatty acid-binding protein, heart; Fatty acid-binding protein 3; Heart-type fatty acid-binding protein; Mammary-derived growth inhibitor; Muscle fatty acid-binding protein; FABP3
Accession No.	Swiss-Prot#P05413NCBI Gene ID2170
Uniprot	P05413
GeneID	2170;
Excitation Emission	N A
Cell Localization	Cytoplasm
Concentration	1mg ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Application Details

IHC-P=1:50-200 IHC-F=1:50-200 ICC=1:50-200

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). MDGI is highly expressed in the myocardium, skeletal and smooth muscle fibers, lipid and or steroid synthesizing cells and terminally differentiated epithelia of the respiratory, intestinal and urogenital tracts.

Note: This product is for in vitro research use only