

FABP3 Antibody

Catalog No: #36748

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Description

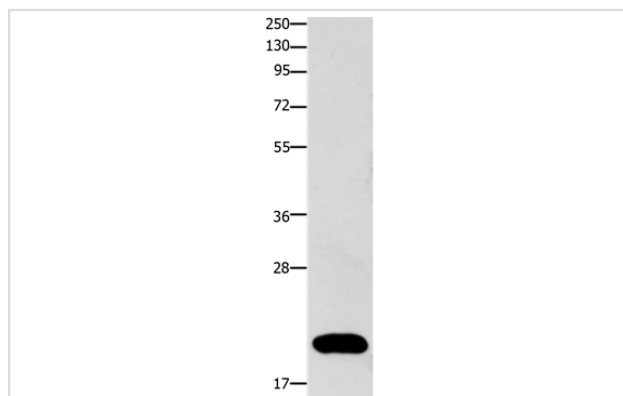
Product Name	FABP3 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB IHC
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total FABP3 protein.
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human fatty acid binding protein 3, muscle and heart (mammary-derived growth inhibitor)
Target Name	FABP3
Other Names	MDGI; FABP11; H-FABP; M-FABP; O-FABP
Accession No.	Swiss-Prot#: P05413NCBI Gene ID: 2170Gene Accssion: NP_004093
Uniprot	P05413
GeneID	2170;
SDS-PAGE MW	15kd
Concentration	1.2mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:200-1:1000

Immunohistochemistry: 1:20-1:100

Images



Gel: 8%SDS-PAGE

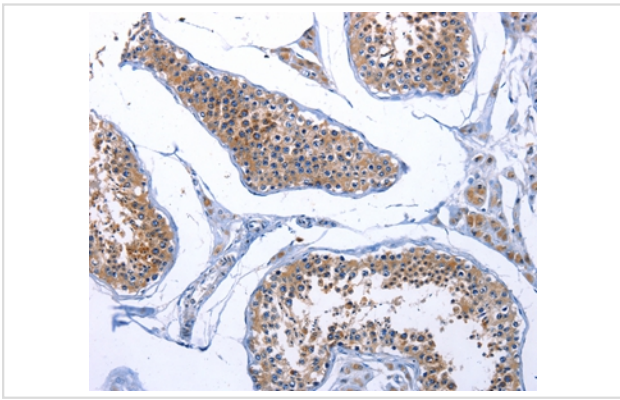
Lysates (from left to right): Mouse testis tissue

Amount of lysate: 30ug per lane

Primary antibody: 1/250 dilution

Secondary antibody dilution: 1/8000

Exposure time: 20 seconds



Immunohistochemical analysis of paraffin-embedded Human testis tissue using #36748 at dilution 1/17.

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.

Note: This product is for in vitro research use only