

FABP12 Antibody

Catalog No: #43722

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

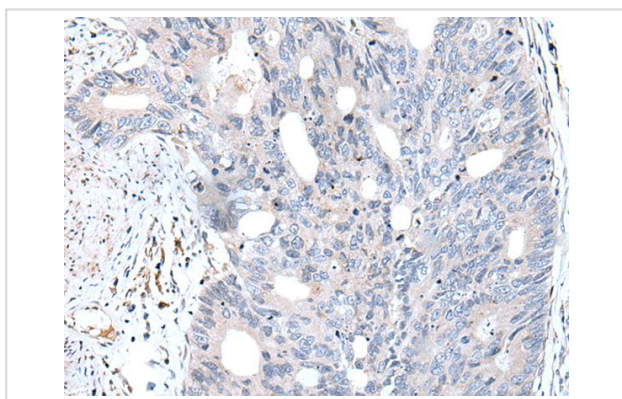
Description

Product Name	FABP12 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total FABP12 protein.
Immunogen Type	peptide
Immunogen Description	Synthetic peptide of human FABP12
Target Name	FABP12
Accession No.	Swiss-Prot#: A6NFH5NCBI Gene ID: 646486
Uniprot	A6NFH5
GeneID	646486;
Concentration	0.8mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

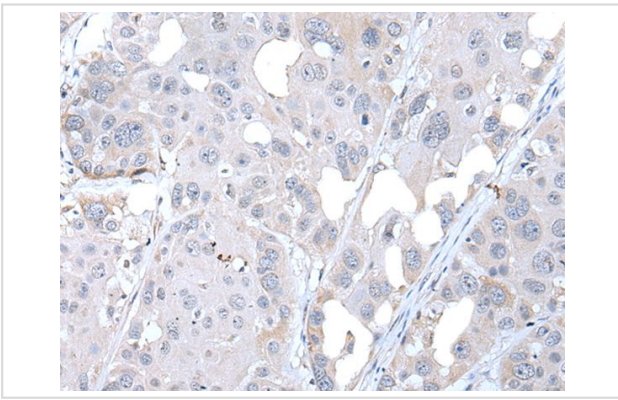
Application Details

Immunohistochemistry: 1: 20-100

Images



The image on the left is immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using FABP12 Antibody at dilution 1/30, on the right is treated with synthetic peptide. (Original magnification: x200)



The image on the left is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using FABP12 Antibody at dilution 1/30, on the right is treated with synthetic peptide. (Original magnification: x200)

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. FABP12 (fatty acid-binding protein 12) is a 132 amino acid protein that belongs to the calycin superfamily and fatty-acid binding protein family. Highly expressed in adult retina and testis, FABP12 may function in lipid transport. The gene encoding FABP12 maps to mouse chromosome 3 A1.

Note: This product is for in vitro research use only