

ARG58581 anti-FABP5 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes FABP5
Tested Reactivity	Hu
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	FABP5
Species	Human
Immunogen	Synthetic peptide corresponding to aa. 2-16 of Human FABP5. (ATVQQLEGRWRLVDS)
Conjugation	Un-conjugated
Alternate Names	PA-FABP; Epidermal-type fatty acid-binding protein; KFABP; EFABP; E-FABP; Psoriasis-associated fatty acid-binding protein homolog; Fatty acid-binding protein, epidermal; Fatty acid-binding protein 5; PAFABP

Application Instructions

Application table	Application	Dilution
	IHC-P	0.5 - 1 µg/ml
	WB	0.1 - 0.5 µg/ml
Application Note	IHC-P: Antigen Retrieval: Heat mediated. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

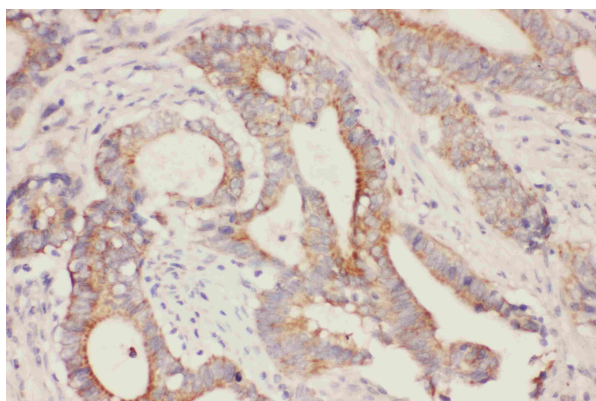
Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.9% NaCl, 0.2% Na ₂ HPO ₄ , 0.05% Thimerosal, 0.05% Sodium azide and 5% BSA.
Preservative	0.05% Thimerosal and 0.05% Sodium azide
Stabilizer	5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Bioinformation

Gene Symbol	FABP5
Gene Full Name	fatty acid binding protein 5 (psoriasis-associated)
Background	This gene encodes the fatty acid binding protein found in epidermal cells, and was first identified as being upregulated in psoriasis tissue. Fatty acid binding proteins are a family of small, highly conserved, cytoplasmic proteins that bind long-chain fatty acids and other hydrophobic ligands. FABPs may play roles in fatty acid uptake, transport, and metabolism. Polymorphisms in this gene are associated with type 2 diabetes. The human genome contains many pseudogenes similar to this locus.[provided by RefSeq, Feb 2011]
Function	High specificity for fatty acids. Highest affinity for C18 chain length. Decreasing the chain length or introducing double bonds reduces the affinity. May be involved in keratinocyte differentiation. [UniProt]
Calculated Mw	15 kDa
Cellular Localization	Cytoplasm. [UniProt]

Images



ARG58581 anti-FABP5 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human Intestinal Cancer Tissue stained with ARG58581 anti-FABP5 antibody.



ARG58581 anti-FABP5 antibody WB image

Western blot: 40 µg of HeLa whole cell lysate and HepG2 whole cell lysate stained with ARG58581 anti-FABP5 antibody at 0.5 µg/ml dilution.