

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

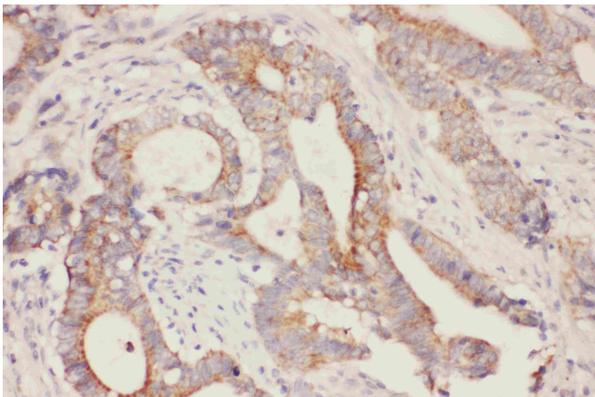
Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.9% NaCl, 0.2% Na ₂ HPO ₄ , 0.05% Thimerosal, 0.05% Sodium azide and 5% BSA.
Preservative	0.05% Thimerosal and 0.05% Sodium azide
Stabilizer	5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody 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.

Note For laboratory research only, not for drug, diagnostic or other 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.