

ARG57514 anti-FABP6 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes FABP6
Tested Reactivity	Hu
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	FABP6
Species	Human
Immunogen	Synthetic peptide around the N-terminus of Human FABP6. (YDEFMKLLGISSDVIEKAR)
Conjugation	Un-conjugated
Alternate Names	ILBP; GT; Ileal lipid-binding protein; I-BALB; Intestinal bile acid-binding protein; I-15P; Gastrotropin; I-BABP; I-BAP; Fatty acid-binding protein 6; ILBP3; Intestinal 15 kDa protein; ILLBP

Application Instructions

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

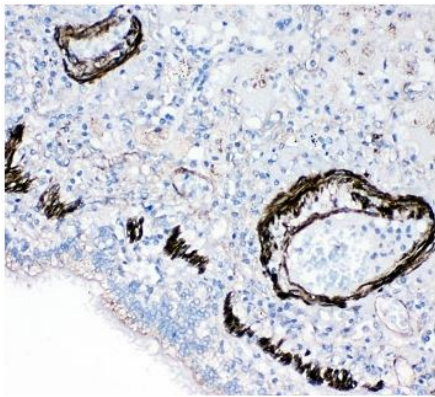
Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	PBS, 0.025% Sodium azide and 2.5% BSA.
Preservative	0.025% Sodium azide
Stabilizer	2.5% 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

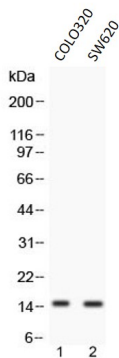
Gene Symbol	FABP6
Gene Full Name	fatty acid binding protein 6, ileal
Background	This gene encodes the ileal fatty acid binding protein. Fatty acid binding proteins are a family of small, highly conserved, cytoplasmic proteins that bind long-chain fatty acids and other hydrophobic ligands. FABP6 and FABP1 (the liver fatty acid binding protein) are also able to bind bile acids. It is thought that FABPs roles include fatty acid uptake, transport, and metabolism. Transcript variants generated by alternate transcription promoters and/or alternate splicing have been found for this gene. [provided by RefSeq, Jul 2008]
Function	Ileal protein which stimulates gastric acid and pepsinogen secretion. Seems to be able to bind to bile salts and bilirubins. Isoform 2 is essential for the survival of colon cancer cells to bile acid-induced apoptosis. [UniProt]
Calculated Mw	Isoform 1: 14 kDa Isoform 2: 20 kDa

Images



ARG57514 anti-FABP6 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human lung cancer tissue stained with ARG57514 anti-FABP6 antibody.



ARG57514 anti-FABP6 antibody WB image

Western blot: 1) COLO320 and 2) SW620 cell lysates stained with ARG57514 anti-FABP6 antibody at 0.5 µg/ml dilution.

Expected molecular weight: ~15 kDa (isoform 1) and ~20 kDa (isoform 2).