

ARG55124 anti-FABP4 antibody

Package: 100 µg, 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes FABP4
Tested Reactivity	Hu, Rat
Tested Application	ICC/IF, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	FABP4
Species	Human
Immunogen	Recombinant protein of Human FABP4 (Swiss: P15090)
Conjugation	Un-conjugated
Alternate Names	Adipocyte lipid-binding protein; Fatty acid-binding protein, adipocyte; aP2; HEL-S-104; AFABP; A-FABP; ALBP; Adipocyte-type fatty acid-binding protein; Fatty acid-binding protein 4

Application Instructions

Application table	Application	Dilution
	ICC/IF	Assay-dependent
	IHC-P	Assay-dependent
	WB	1:500 - 1:2000

Application Note * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

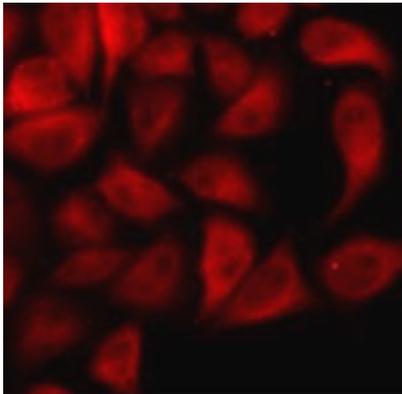
Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
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. 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

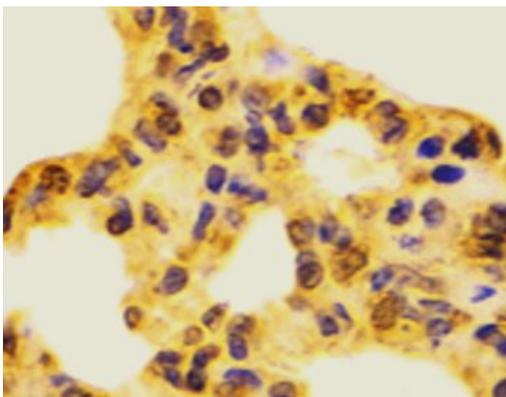
Database links	GeneID: 2167 Human Swiss-port # P15090 Human
Gene Symbol	FABP4
Gene Full Name	fatty acid binding protein 4, adipocyte
Background	FABP4 encodes the fatty acid binding protein found in adipocytes. Fatty acid binding proteins are a family of small, highly conserved, cytoplasmic proteins that bind long-chain fatty acids and other hydrophobic ligands. It is thought that FABPs roles include fatty acid uptake, transport, and metabolism. [provided by RefSeq, Jul 2008]
Function	Lipid transport protein in adipocytes. Binds both long chain fatty acids and retinoic acid. Delivers long-chain fatty acids and retinoic acid to their cognate receptors in the nucleus (By similarity). [UniProt]
Research Area	Cancer antibody; Cell Biology and Cellular Response antibody; Developmental Biology antibody; Metabolism antibody; Signaling Transduction antibody
Calculated Mw	15 kDa

Images



ARG55124 anti-FABP4 antibody ICC/IF image

Immunofluorescence: A549 cells stained with ARG55124 anti-FABP4 antibody.



ARG55124 anti-FABP4 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Rat lung stained with ARG55124 anti-FABP4 antibody at 1:100 dilution.