ARG56519
anti-FABP4 antibody

Package: 250 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes FABP4
Tested Reactivity	Hu, Ms, Rat
Tested Application	ICC/IF, WB
Specificity	This antibody does not react to FABP3 and FABP5.
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	FABP4
Species	Human
Immunogen	Synthetic peptide around aa. 103-118 of Human FABP4.
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	1:100
WB	1:200

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.
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: 11770 Mouse

GeneID: 2167 Human

	Swiss-port # P04117 Mouse
	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]
Calculated Mw	15 kDa