

ARG58575 anti-FABP5 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes FABP5
Tested Reactivity	Ms, Rat
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	FABP5
Species	Mouse
Immunogen	Synthetic peptide corresponding to a sequence of Mouse FABP5. (KWRLMESHGFEEYMKELGVGLALRKMAAMAKPD).
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 was performed in Citrate buffer (pH 6.0) for 20 min. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

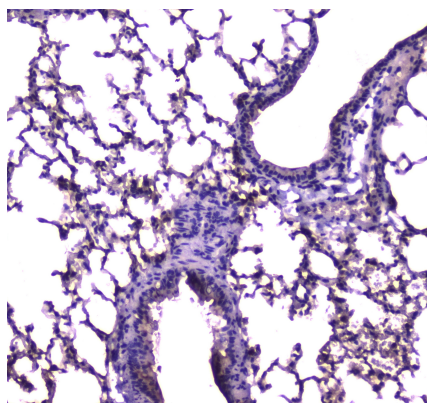
Properties

Form	Liquid
Purification	Purified.
Buffer	0.9% NaCl, 0.2% Na ₂ HPO ₄ , 0.05% Sodium azide and 4% Trehalose.
Preservative	0.05% Sodium azide
Stabilizer	4% Trehalose
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



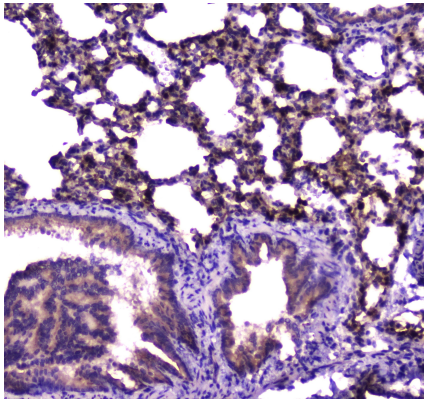
ARG58575 anti-FABP5 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Mouse lung tissue. Antigen Retrieval: Heat mediated was performed in Citrate buffer (pH 6.0) for 20 min. The tissue section was blocked with 10% goat serum. The tissue section was then stained with 2 µg/ml ARG58575 anti-FABP5 antibody overnight at 4°C.



ARG58575 anti-FABP5 antibody WB image

Western blot: 50 µg of Rat thymus and Mouse thymus lysates stained with ARG58575 anti-FABP5 antibody at 0.5 µg/ml, overnight at 4°C, under reducing conditions.



ARG58575 anti-FABP5 antibody IHC-P image

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