

## ARG55579 anti-H-FABP / Cardiac FABP antibody

Package: 100 µl  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes H-FABP / Cardiac FABP
Tested Reactivity	Hu
Tested Application	FACS, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	H-FABP / Cardiac FABP
Species	Human
Immunogen	KLH-conjugated synthetic peptide from Human Cardiac FABP.
Conjugation	Un-conjugated
Alternate Names	FABP11; H-FABP; O-FABP; Heart-type fatty acid-binding protein; MDGI; Fatty acid-binding protein 3; Muscle fatty acid-binding protein; Mammary-derived growth inhibitor; Fatty acid-binding protein, heart; M-FABP

### Application Instructions

Application table	Application	Dilution
	FACS	1:25
	WB	1:1000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Human skeletal muscle	

### Properties

Form	Liquid
Purification	Purification with Protein A and immunogen peptide.
Buffer	PBS and 0.09% (W/V) Sodium azide
Preservative	0.09% (W/V) Sodium azide
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

Database links	<a href="#">GeneID: 2170 Human</a> <a href="#">Swiss-port # P05413 Human</a>
Gene Symbol	FABP3
Gene Full Name	fatty acid binding protein 3, muscle and heart
Background	The intracellular fatty acid-binding proteins (FABPs) belongs to a multigene family. FABPs are divided into at least three distinct types, namely the hepatic-, intestinal- and cardiac-type. They form 14-15 kDa proteins and are thought to participate in the uptake, intracellular metabolism and/or transport of long-chain fatty acids. They may also be responsible in the modulation of cell growth and proliferation. Fatty acid-binding protein 3 gene contains four exons and its function is to arrest growth of mammary epithelial cells. This gene is a candidate tumor suppressor gene for human breast cancer. [provided by RefSeq, Jul 2008]
Function	FABP are thought to play a role in the intracellular transport of long-chain fatty acids and their acyl-CoA esters. [UniProt]
Research Area	Cell Biology and Cellular Response antibody; Developmental Biology antibody; Metabolism antibody
Calculated Mw	15 kDa
Cellular Localization	Cytoplasm.

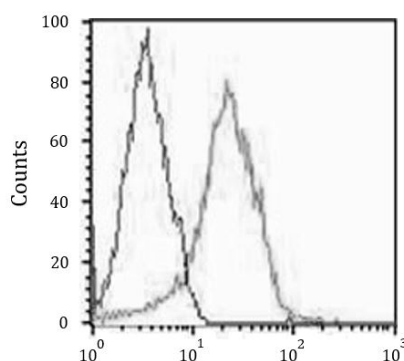
## Images



Human skeletal muscle

### ARG55579 anti-H-FABP / Cardiac FABP antibody WB image

Western blot: 35 µg of Human skeletal muscle lysate stained with ARG55579 anti-H-FABP / Cardiac FABP antibody at 1:1000 dilution.



### ARG55579 anti-H-FABP / Cardiac FABP antibody FACS image

Flow Cytometry: HepG2 cells stained with ARG55579 anti-H-FABP / Cardiac FABP antibody (right histogram) at 1:25 dilution or isotype control antibody (left histogram), followed by incubation with Alexa Fluor® 488 labelled secondary antibody.