

DATASHEET

FABP3 Rabbit Monoclonal Antibody(ARB579)

CAT. NO. ARB6871

KEY FEATURES

Target	FABP3	Clonality	Monoclonal
Clone ID	ARB579	Applications	IHC
Source / Host	Rabbit	Dilution	1:100-1:200
Reactivity	Human	Storage	at-20°C

BACKGROUND

Fatty acid binding protein 3 (FABP3) is a cytoplasmic lipid chaperone that bind fatty acids and lipids for transport to various cellular components. Fatty acid binding protein 3 (FABP3) is predominantly expressed in heart, skeletal muscle, brain and mammary gland. Fatty acid binding protein 3 (FABP3) serves as a clinically valuable biomarker across multiple pathological domains due to its tissue-specific expression and rapid release upon cellular injury. In cardiovascular diseases, FABP3 enables early diagnosis of acute myocardial infarction (AMI). In oncology, FABP3 overexpression in non-small cell lung cancer (NSCLC) and gastric cancer associates with advanced staging, metastasis and reduced survival, functioning as an independent prognostic indicator.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

IHC	1:100 - 1:200
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*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

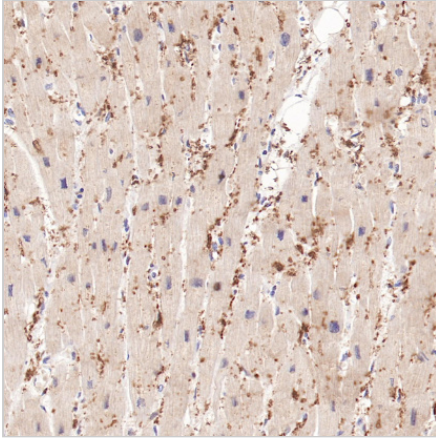
Predicted Molecular Wt	15kDa
Purity	ProA affinity purified
Subcellular location	Cytoplasm
Swissprot ID	P05413
Immunogen	Synthetic peptide.
Storage Buffer	PBS 59%, Sodium azide 0.01%, Glycerol 40%, BSA 0.05%
Recommended Method	Heat induced epitope retrieval with Tris-EDTA buffer (pH 9.0), primary antibody incubate at RT (18°C-25°C) for 30 minutes.

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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DATA

Immunohistochemical staining of human heart tissue using FABP3 Rabbit Monoclonal Antibody(ARB579)

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.

More information: www.arexbio.com