

FABP3 Recombinant Rabbit Monoclonal Antibody Product Datasheet

Catalog# BX50345

Clone# BP6313

Predicted Molecular Wt: 15kDa
Species Cross-reactivity: Human
Applications: IHC-P

Purity: ProA affinity purified IgG
Form: Liquid
Swissprot ID: P05413

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.

Subcellular location:

Cytoplasm

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.

Immunogen:

Synthetic peptide. This information is proprietary to BioLynx.

Storage Buffer:

PBS 59%, Sodium azide 0.01%, Glycerol 40%, BSA 0.05%.

Storage Conditions:

-25°C to -18°C

Shipment Instructions:

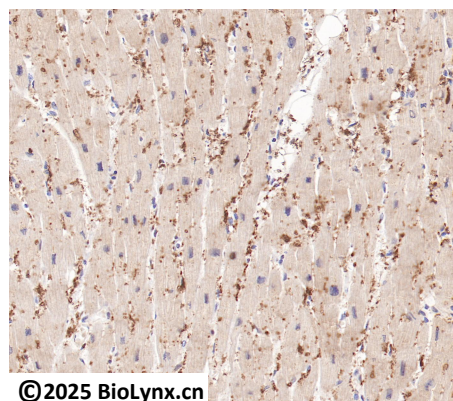
Shipped on blue ice. Upon delivery store at -25°C to -18°C. Avoid freeze / thaw cycles.

Recommended Dilution:

IHC-P: 1:100-1:200

Background References:

- Lippi, G. et al. (2013) Clin Biochem 46, 26-30.
- Storch, J. and Thumser, A.E. (2010) J Biol Chem 285, 32679-83.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human heart labelling FABP3 with BP6313.

Product QC'd by: 

For research use only. Not for use in diagnostic or therapeutic applications.