

Datasheet for ABIN574099  
**anti-FABP7 antibody (AA 101-111)**

## 4 Images

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## Overview

Quantity:	50 µg
Target:	FABP7
Binding Specificity:	AA 101-111
Reactivity:	Human, Cow, Dog, Horse, Chicken, Monkey, Pig, Bat
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This FABP7 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Brand:	IHC-plus™
Immunogen:	Synthetic peptide C-KETNFVREIKD from the C-terminus of human FABP7 / BLBP (NP_001437.1). Percent identity by BLAST analysis: Human, Gorilla, Gibbon, Monkey, Marmoset, Elephant, Panda, Dog, Bat, Bovine, Horse, Pig, Opossum, Turkey, Chicken, Lizard (100%), Rat, Rabbit, Xenopus, Frog, Salmon, Smelt, Stickleback, Pike, Pufferfish, Zebrafish (91%), Hamster, Sablefish, Medaka (82%).  Type of Immunogen: Synthetic peptide
Specificity:	Human FABP7 / BLBP.
Predicted Reactivity:	Percent identity by BLAST analysis: Human, Gorilla, Gibbon, Monkey, Marmoset, Elephant, Panda, Dog, Bat, Bovine, Horse, Pig, Opossum, Turkey, Chicken, Lizard (100%) Rat, Rabbit,

## Product Details

Xenopus, Frog, Salmon, Smelt, Stickleback, Pike, Pufferfish, Zebrafish (91%) Hamster, Sablefish, Medaka (82%).

Purification: Immunoaffinity purified

## Target Details

Target: FABP7

Alternative Name: FABP7 / BLBP / MRG ([FABP7 Products](#))

Background: Name/Gene ID: FABP7

Synonyms: FABP7, B-FABP, BLBP, Brain lipid binding protein, Brain lipid-binding protein, FABPB, Fatty acid-binding protein 7, MRG

Gene ID: 2173

NCBI Accession: [NP\\_001437](#)

UniProt: [O15540](#)

## Application Details

Application Notes: Approved: IHC, IHC-P (2.5 µg/mL)

Usage: Immunohistochemistry: This antibody was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration for this antibody was determined to be 2.5 µg/mL

Comment: Target Species of Antibody: Human

Restrictions: For Research Use only

## Handling

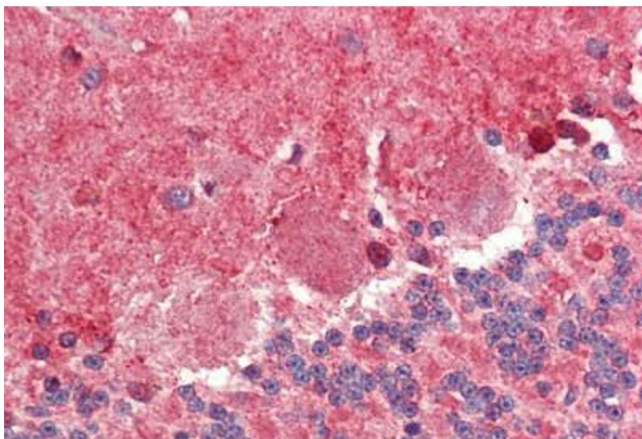
Format: Liquid

Concentration: Lot specific

## Handling

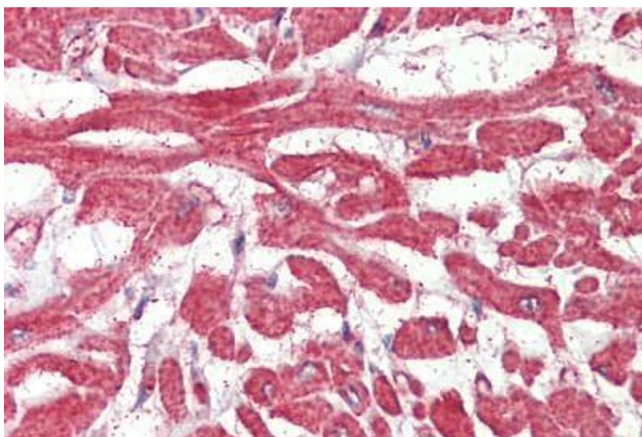
Buffer:	Tris-buffered saline, pH 7.3, 0.5 % BSA, 0.02 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze-thaw cycles.

## Images



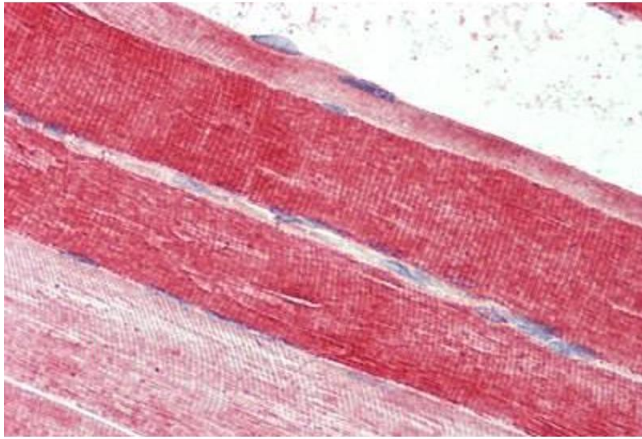
### Immunohistochemistry (Formalin-fixed Paraffin-embedded Sections)

**Image 1.** Brain, cerebellum, Human: Formalin-Fixed, Paraffin-Embedded (FFPE)



### Immunohistochemistry (Formalin-fixed Paraffin-embedded Sections)

**Image 2.** Heart, Human: Formalin-Fixed, Paraffin-Embedded (FFPE)



**Immunohistochemistry (Formalin-fixed Paraffin-embedded Sections)**

**Image 3.** Skeletal muscle, Human: Formalin-Fixed, Paraffin-Embedded (FFPE)

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN574099.