

Datasheet for ABIN7143136  
**anti-beta Actin antibody (AA 102-375)**

## 5 Images

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## Overview

Quantity:	100 µg
Target:	beta Actin (ACTB)
Binding Specificity:	AA 102-375
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This beta Actin antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

## Product Details

Immunogen:	Recombinant Human Actin, cytoplasmic 1 protein (102-375AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

## Target Details

Target:	beta Actin (ACTB)
Alternative Name:	ACTB ( <a href="#">ACTB Products</a> )
Background:	Background: Actins are highly conserved proteins that are involved in various types of cell motility and are ubiquitously expressed in all eukaryotic cells.

## Target Details

Aliases: A26C1A antibody, A26C1B antibody, ACTB antibody, ACTB\_HUMAN antibody, Actin beta antibody, Actin cytoplasmic 1 antibody, Actin, cytoplasmic 1, N-terminally processed antibody, Actx antibody, b actin antibody, b-actin antibody, Beta cytoskeletal actin antibody, Beta-actin antibody, BRWS1 antibody, E430023M04Rik antibody, Melanoma X actin antibody, MGC128179 antibody, PS1TP5 binding protein 1 antibody, PS1TP5BP1 antibody

UniProt: [P60709](#)

Pathways: [Myometrial Relaxation and Contraction](#), [Cell-Cell Junction Organization](#), [Maintenance of Protein Location](#), [Phototransduction](#)

## Application Details

Application Notes: Recommended dilution: WB:1:1000-1:5000, IHC:1:100-1:1000, IF:1:50-1:200,

Restrictions: For Research Use only

## Handling

Format: Liquid

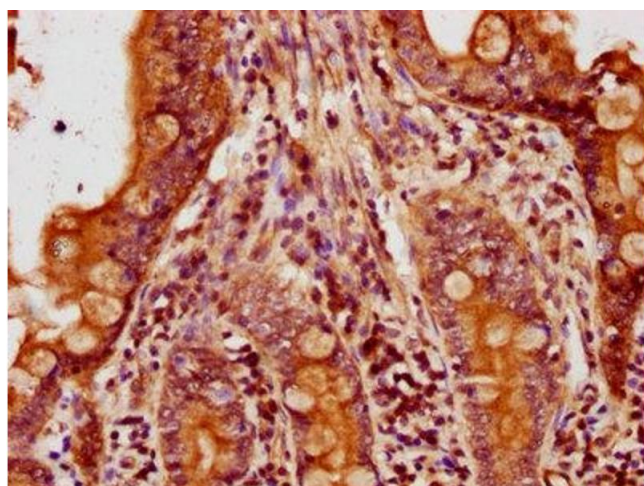
Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

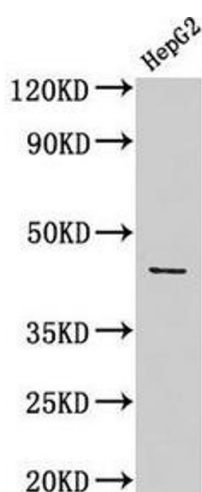
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



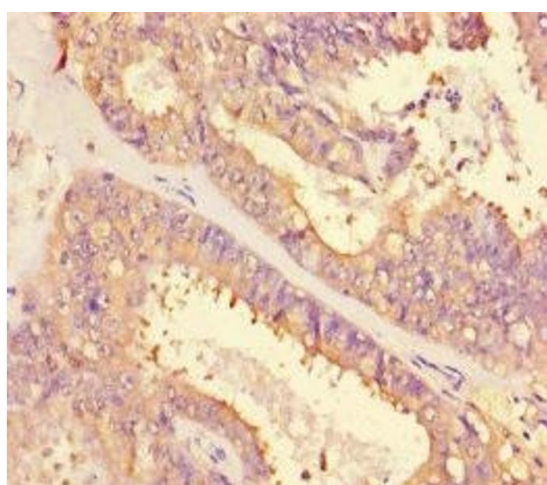
### Immunohistochemistry

**Image 1.** IHC image of ABIN7143136 diluted at 1:500 and staining in paraffin-embedded human small intestine tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



### Western Blotting

**Image 2.** Western Blot Positive WB detected in: HepG2 whole cell lysate All lanes: ACTB antibody at 1:1000 Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 42 kDa Observed band size: 42 kDa



### Immunohistochemistry

**Image 3.** Immunohistochemistry of paraffin-embedded human endometrial cancer using ABIN7143136 at dilution of 1:100

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN7143136.