Datasheet for ABIN7160568

anti-Myosin antibody (AA 1058-1195)

3 Images

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Overview

Quantity:	100 µg
Target:	Myosin
Binding Specificity:	AA 1058-1195
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Myosin antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Myosin-14 protein (1058-1195AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	Myosin
Alternative Name:	MYH14 (Myosin Products)
Background:	Background: Cellular myosin that appears to play a role in cytokinesis, cell shape, and specialized functions such as secretion and capping.

Target Details

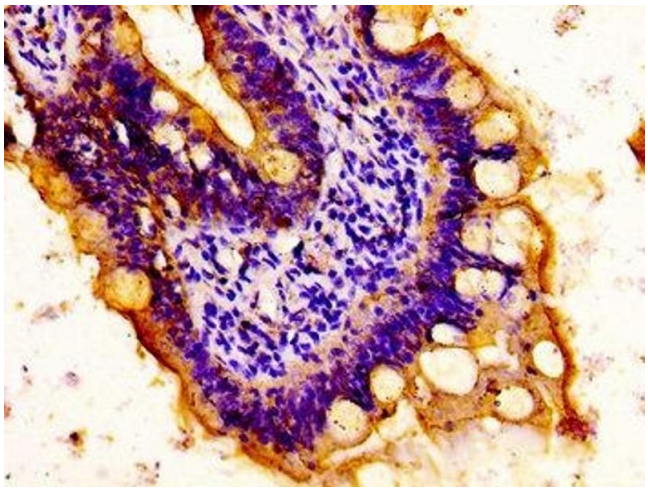
	Aliases: 2400004E04Rik antibody, DFNA4 antibody, DKFZp667A1311 antibody, FLJ13881 antibody, FLJ43092 antibody, FP17425 antibody, II C antibody, KIAA2034 antibody, MHC16 antibody, Myh 14 antibody, MYH14 antibody, MYH14_HUMAN antibody, Myosin 14 antibody, Myosin antibody, Myosin heavy chain 14 antibody, Myosin heavy chain antibody, Myosin heavy chain non muscle IIc antibody, Myosin heavy polypeptide 14 antibody, Myosin-14 antibody, NMHC II C antibody, NMHC II-C antibody, Non muscle myosin heavy chain IIc antibody, non-muscle IIc antibody, Non-muscle myosin heavy chain IIc antibody, Nonmuscle myosin heavy chain II C antibody, OTTMUSP00000019210 antibody
UniProt:	Q7Z406

Application Details

Application Notes:	Recommended dilution: IHC:1:20-1:200, IF:1:50-1:200,
Restrictions:	For Research Use only

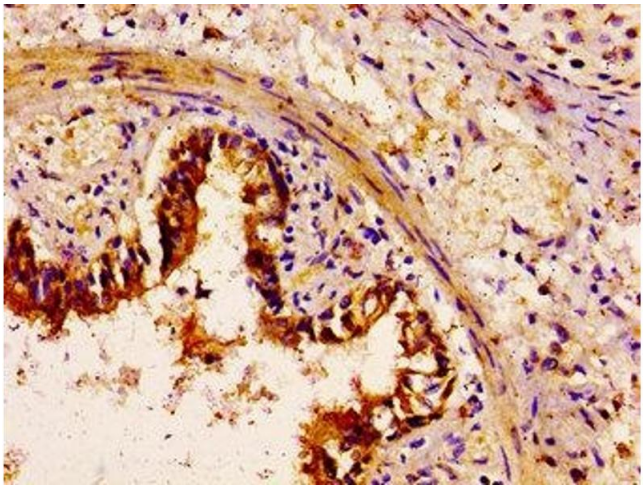
Handling

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.



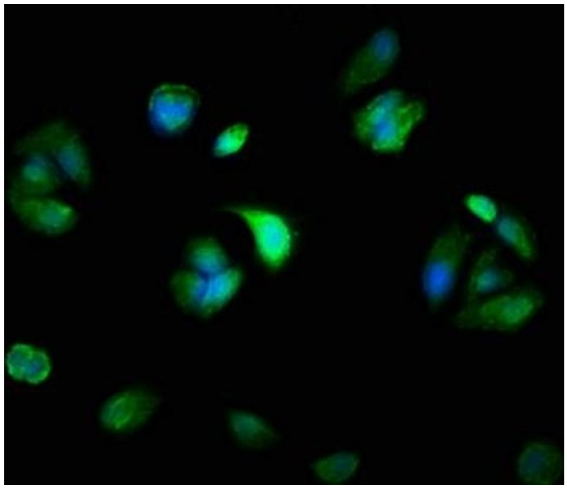
Immunohistochemistry

Image 1. IHC image of ABIN7160568 diluted at 1:100 and staining in paraffin-embedded human small intestine tissue performed on a Leica BondTM 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 ABC system.



Immunohistochemistry

Image 2. IHC image of ABIN7160568 diluted at 1:100 and staining in paraffin-embedded human lung tissue performed on a Leica BondTM 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.



Immunofluorescence

Image 3. Immunofluorescence staining of MCF-7 cells with ABIN7160568 at 1:100, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L).