

Datasheet for ABIN6144280

anti-Myosin IC antibody (AA 769-1028)

7 Images

[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	Myosin IC (MYO1C)
Binding Specificity:	AA 769-1028
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Myosin IC antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 769-1028 of human MYO1C (NP_203693.3).
Sequence:	ENAFFLDHVR TSFLLNLRQ LPQNVLDTSW PTPPPALREA SELLRELCEIK NMVWKYCRSI SPEWKQQLQQ KAVASEIFKG KKDNYQSVLP RLFISTRLLGT DEISPRVLQA LGSEPIQYAV PVVKYDRKGY KPRSRQLLLT PNAVVIDEDA KVKQRIDYAN LTGISVSSLS DSLFVLHVQR ADNKQKGDVV LQSDHVIETL TKTALSANRV NSININQGSITFAGGPGRDG TIDFTPGSEL LITKAKNGHL AVVAPRLNSR
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

Target Details

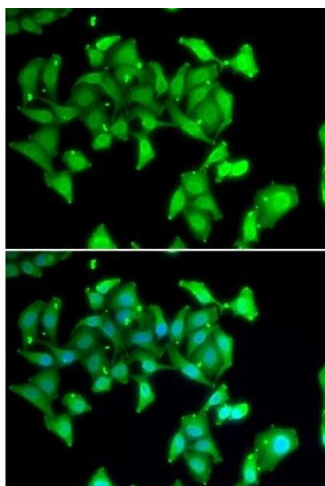
Target:	Myosin IC (MYO1C)
Alternative Name:	MYO1C (MYO1C Products)
Background:	This gene encodes a member of the unconventional myosin protein family, which are actin-based molecular motors. The protein is found in the cytoplasm, and one isoform with a unique N-terminus is also found in the nucleus. The nuclear isoform associates with RNA polymerase I and II and functions in transcription initiation. The mouse ortholog of this protein also functions in intracellular vesicle transport to the plasma membrane. Multiple transcript variants encoding different isoforms have been found for this gene. The related gene myosin IE has been referred to as myosin IC in the literature, but it is a distinct locus on chromosome 19.,MYO1C,MMI-beta,MMIb,NMI,myr2,myosin IC,Signal Transduction,Cell Biology & Developmental Biology,Cytoskeleton,Motor Proteins,MYO1C
Molecular Weight:	117 kDa/119 kDa/121 kDa
Gene ID:	4641
UniProt:	O00159
Pathways:	Platelet-derived growth Factor Receptor Signaling

Application Details

Application Notes:	WB,1:500 - 1:2000,IHC,1:50 - 1:200
Comment:	HIGH QUALITY
Restrictions:	For Research Use only

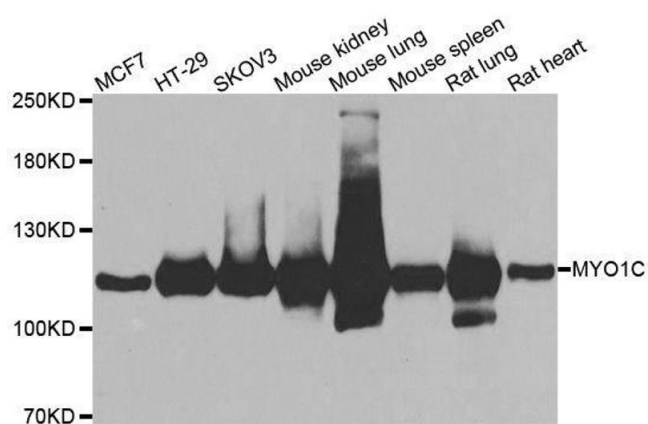
Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



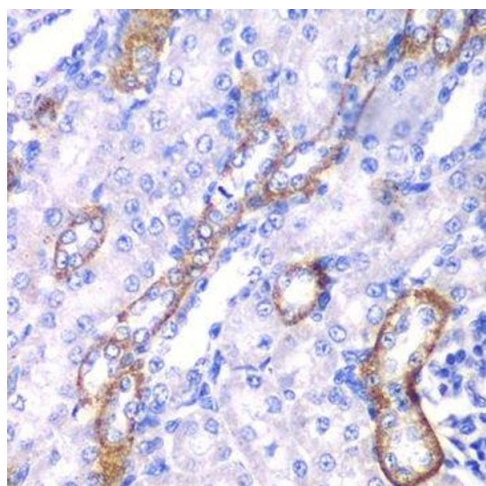
Immunofluorescence

Image 1. Immunofluorescence analysis of MCF7 cells using MYO1C antibody.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using MYO1C antibody.



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Immunohistochemistry of paraffin-embedded rat kidney using MYO1C antibody.

Please check the [product details page](#) for more images. Overall 7 images are available for ABIN6144280.