

MYO1C Rabbit Polyclonal Antibody



CAB6936

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

122kDa

Calculated MW:

117kDa/119kDa/121kDa

Applications:

WB IHC IF

Reactivity:

Human, Mouse, Rat

Protein 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.

Immunogen information

Gene ID:

4641

Uniprot

O00159

Synonyms:

MYO1C; MMI-beta; MMIb; NMI; myr2; myosin IC

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 IHC 1:50
- 1:200 IF 1:50 - 1:100

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

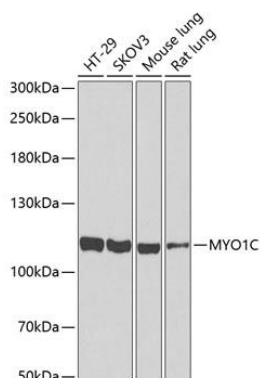
Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 769-1028 of human MYO1C (NP_203693.3).

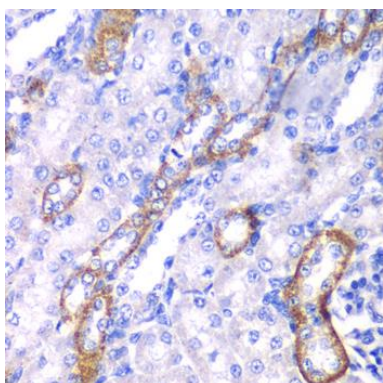
Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

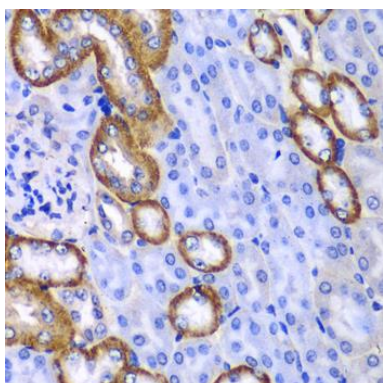
Product Images



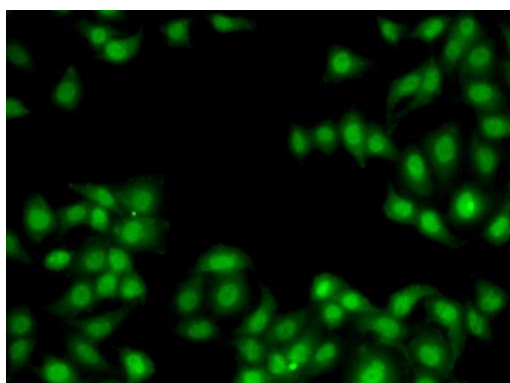
Western blot analysis of extracts of various cell lines, using MYO1C antibody (CAB6936) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 90s.



Immunohistochemistry of paraffin-embedded rat kidney using MYO1C antibody (CAB6936) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse kidney using MYO1C antibody (CAB6936) at dilution of 1:100 (40x lens).



Immunofluorescence analysis of MCF7 cells using MYO1C antibody (CAB6936).