

Datasheet for ABIN5584113
anti-Myosin IC antibody

3 Images

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Overview

Quantity:	100 µL
Target:	Myosin IC (MYO1C)
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Myosin IC antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Purpose:	Rabbit polyclonal antibody raised against partial recombinant human MYO1C.
Immunogen:	Recombinant protein corresponding to human MYO1C.
Sequence:	GEEETLRRLG LERNPQSYLY LVKGQCAKVS SINDKSDWKV VRKALTVIDF TEDEVEDLLS IVASVLHLGN IHFAANEESN AQVTTENQLK YLTRLLSVEG STLREALTHR KIIAKGEELL SPLNLEQAAY ARDALAKAVY SRTFTWLV
Isotype:	IgG
Cross-Reactivity:	Human

Target Details

Target:	Myosin IC (MYO1C)
Alternative Name:	MYO1C (MYO1C Products)

Target Details

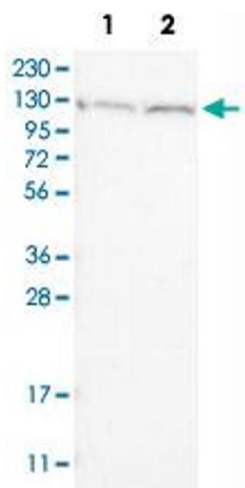
Background:	Full Gene Name: myosin IC Synonyms: FLJ23903,MMI-beta,MMIb,NMI,myr2
Gene ID:	4641
Pathways:	Platelet-derived growth Factor Receptor Signaling

Application Details

Application Notes:	Immunofluorescence (1-4 µg/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:50-1:200) Western Blot (1:100-1:250) The optimal working dilution should be determined by the end user.
Restrictions:	For Research Use only

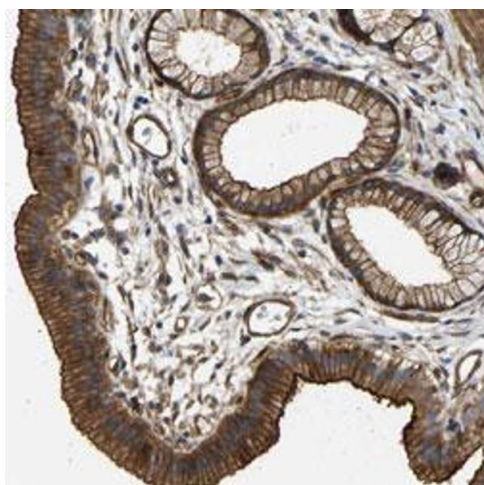
Handling

Format:	Liquid
Buffer:	In PBS, pH 7.2 (40 % glycerol, 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.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.



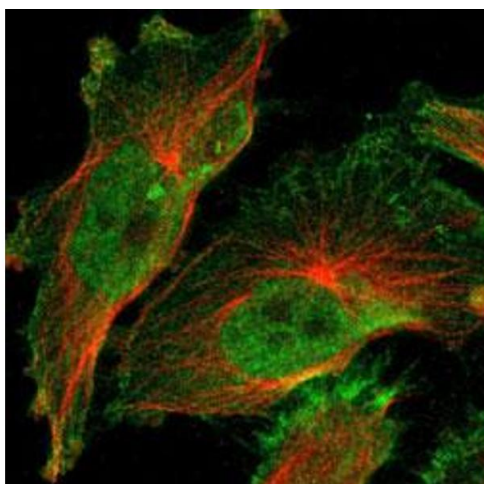
Western Blotting

Image 1. Western Blot analysis of Lane 1: RT-4 and Lane 2: U-251MG sp cell lysates with MYO1C polyclonal antibody .



Immunohistochemistry

Image 2. Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human gall bladder with MYO1C polyclonal antibody shows strong membranous and cytoplasmic positivity in glandular cells.



Immunofluorescence

Image 3. Immunofluorescent staining of U-251 MG with MYO1C polyclonal antibody (Green) shows positivity in plasma membrane and nucleus but excluded from the nucleoli.