

Datasheet for ABIN6144271  
**anti-Myosin X antibody (AA 845-944)**[Go to Product page](#)

## 4 Images

## Overview

Quantity:	100 µL
Target:	Myosin X (MYO10)
Binding Specificity:	AA 845-944
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Myosin X antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

## Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 845-944 of human MYO10 (NP_036466.2).
Sequence:	EAELRAQQEE ETRKQEQLEA LQKSQKEAEL TRELEKQKEN KQVEEILRLE KEIEDLQRMK EQQELSLTEA SLQKLQERRD QELRRLEEEA CRAAQEFLES
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Polyclonal Antibodies

## Target Details

Target:	Myosin X (MYO10)
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## Target Details

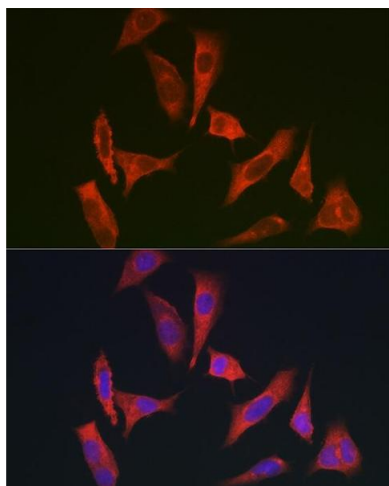
Alternative Name:	MYO10 ( <a href="#">MYO10 Products</a> )
Background:	This gene encodes a member of the myosin superfamily. The protein represents an unconventional myosin, it should not be confused with the conventional non-muscle myosin-10 (MYH10). Unconventional myosins contain the basic domains of conventional myosins and are further distinguished from class members by their tail domains. This gene functions as an actin-based molecular motor and plays a role in integration of F-actin and microtubule cytoskeletons during meiosis.,MYO10,myosin X,Signal Transduction,Cell Biology & Developmental Biology,Cytoskeleton,Motor Proteins,MYO10
Molecular Weight:	11 kDa/163 kDa/237 kDa
Gene ID:	4651
UniProt:	<a href="#">Q9HD67</a>

## Application Details

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

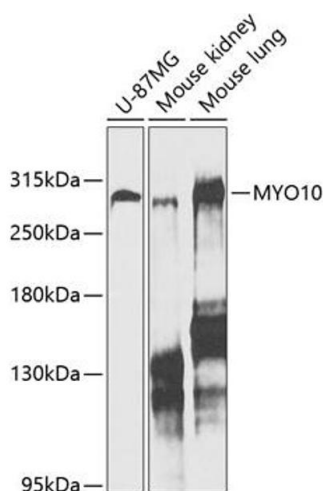
## Handling

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.



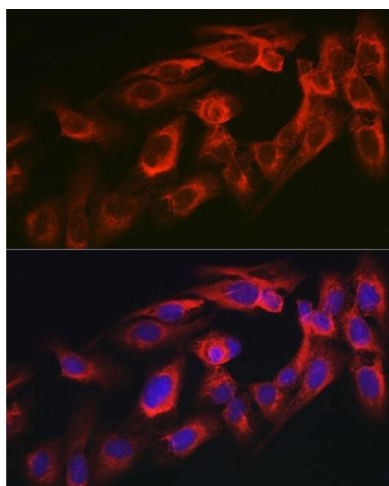
#### Immunofluorescence

**Image 1.** Immunofluorescence analysis of HeLa cells using MYO10 antibody (ABIN6128319, ABIN6144271, ABIN6144274 and ABIN6216113) at dilution of 1:350. Blue: DAPI for nuclear staining.



#### Western Blotting

**Image 2.** Western blot analysis of extracts of various cell lines, using MYO10 antibody (ABIN6128319, ABIN6144271, ABIN6144274 and ABIN6216113) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Enhanced Kit (RM00021). Exposure time: 20s.



#### Immunofluorescence

**Image 3.** Immunofluorescence analysis of U2OS cells using MYO10 antibody (ABIN6128319, ABIN6144271, ABIN6144274 and ABIN6216113) at dilution of 1:350. Blue: DAPI for nuclear staining.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN6144271.