

**Myosin 14 Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP53357****Specification**

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**Myosin 14 Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">Q7Z406</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	228 KDa
Antigen Region	1048-1097

**Myosin 14 Antibody - Additional Information****Gene ID** 79784**Target/Specificity**

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Myosin 14. The exact sequence is proprietary.

**Dilution**

WB~~ 1:1000

**Format**

Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.09% (W/V) sodium azide and 50% glycerol

**Storage**

Store at -20 °C.Stable for 12 months from date of receipt

**Myosin 14 Antibody - Protein Information****Name** MYH14**Synonyms** KIAA2034**Function**

Cellular myosin that appears to play a role in cytokinesis, cell shape, and specialized functions such as secretion and capping.

**Tissue Location**

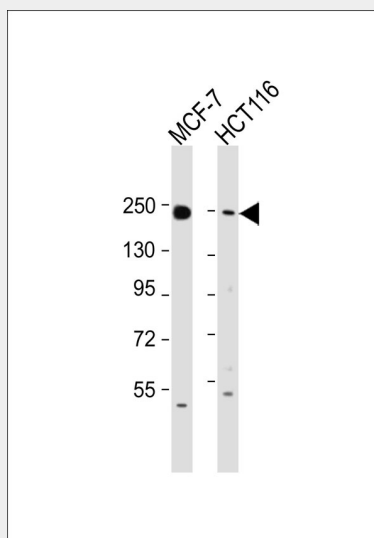
High levels of expression are found in brain (highest in corpus callosum), heart, kidney, liver, lung, small intestine, colon and skeletal muscle. Expression is low in organs composed mainly of smooth muscle, such as aorta, uterus and urinary bladder. No detectable expression is found in thymus, spleen, placenta and lymphocytes.

## Myosin 14 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## Myosin 14 Antibody - Images



All lanes : Anti-Myosin 14 Antibody at 1:1000 dilution Lane 1: MCF-7 whole cell lysate Lane 2: HCT116 whole cell lysate Lysates/proteins at 20  $\mu$ g per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 228 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

## Myosin 14 Antibody - Background

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## Myosin 14 Antibody - References

Leal A.,et al.Gene 312:165-171(2003).  
Nagase T.,et al.Submitted (JAN-2007) to the EMBL/GenBank/DDBJ databases.  
Grimwood J.,et al.Nature 428:529-535(2004).  
Bienvenut W.V.,et al.Submitted (NOV-2006) to UniProtKB.  
Jana S.S.,et al.J. Biol. Chem. 284:11563-11571(2009).