

Myosin 14 Antibody

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP53357

Specification

Myosin 14 Antibody - Product Information

Application WB
Primary Accession Q7Z406
Reactivity Human
Host Rabbit
Clonality Polyclonal
Calculated MW 228 KDa
Antigen Region 1048-1097

Myosin 14 Antibody - Additional Information

Gene ID 79784

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.

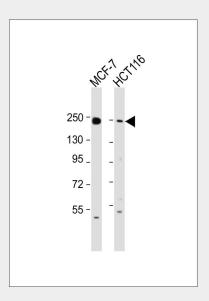
Myosin 14 Antibody - Protocols



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

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- 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 µg 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

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

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).