

MYH14 Rabbit pAb

Catalog No.: A3690 **2 Publications**

Basic Information

Observed MW

252kDa

Calculated MW

228kDa

Category

Primary antibody

Applications

WB, ELISA

Cross-Reactivity

Human, Rat

Background

This gene encodes a member of the myosin superfamily. The protein represents a conventional non-muscle myosin; it should not be confused with the unconventional myosin-14 (MYO14). Myosins are actin-dependent motor proteins with diverse functions including regulation of cytokinesis, cell motility, and cell polarity. Mutations in this gene result in one form of autosomal dominant hearing impairment. Multiple transcript variants encoding different isoforms have been found for this gene.

Recommended Dilutions

WB 1:1000 - 1:5000

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

79784

Swiss Prot

Q7Z406

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 600-700 of human MYH14 (NP_079005.3).

Synonyms

DFNA4; MHC16; MYH17; PNMHH; DFNA4A; myosin; FP17425; NMHC II-C; NMHC-II-C; MYH14

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

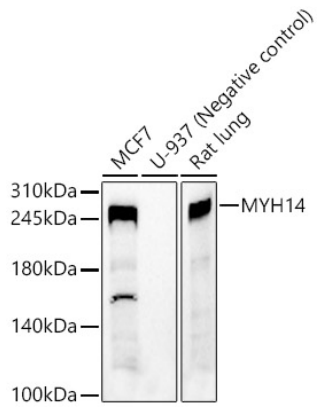
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3

Validation Data



Western blot analysis of various lysates, using MYH14 Rabbit pAb (A3690) at 1:2000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 60s.