

# MYH13 Rabbit pAb

Catalog NO.: A14620

## Basic Information

### Observed MW

250kDa

### Calculated MW

224kDa

### Category

Polyclonal Antibodies

### Applications

WB, IF-P, ELISA

### Cross-Reactivity

Mouse, Rat

### Conjugation

Unconjugated

## Background

Predicted to enable microfilament motor activity. Predicted to be involved in muscle contraction. Predicted to act upstream of or within cellular response to starvation. Located in extracellular exosome.

## Recommended Dilutions

**WB** 1:500 - 1:2000

**IF-P** 1:50 - 1:100

### ELISA

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

## Immunogen Information

### Gene ID

8735

### Swiss Prot

Q9UKX3

### Immunogen

Recombinant protein (or fragment).This information is considered to be commercially sensitive.

### Synonyms

MyHC-eo; MyHC-IIL; MYH13

## Contact

## Product Information

|                                     |  |                      |
|-------------------------------------|--|----------------------|
| <input checked="" type="checkbox"/> |  | order@abclonal.com   |
| <input checked="" type="checkbox"/> |  | service@abclonal.com |
| <input checked="" type="checkbox"/> |  | www.abclonal.com     |

### Source

Rabbit

### Isotype

IgG

### Purification

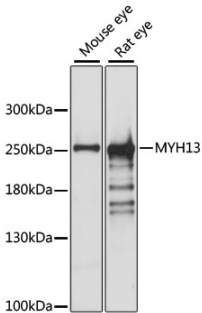
Affinity purification

### Storage

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

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH 7.3.

## Validation Data



Western blot analysis of various lysates using MYH13 Rabbit pAb (A14620) at 1:1000 dilution.

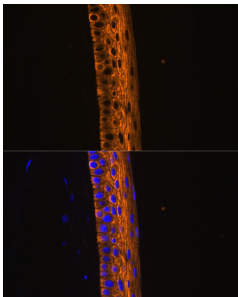
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

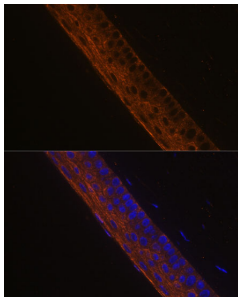
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 10s.



Immunofluorescence analysis of paraffin-embedded rat eye using MYH13 Rabbit pAb (A14620) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of paraffin-embedded mouse eye using MYH13 Rabbit pAb (A14620) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.

