

Datasheet for ABIN1536807

**anti-Myosin 9 antibody (C-Term)****2** Images[Go to Product page](#)

## Overview

|                      |   |
|----------------------|---|
| Quantity:            | 400 µL                                  |
| Target:              | Myosin 9 (MYH9)                         |
| Binding Specificity: | AA 1840-1867, C-Term                    |
| Reactivity:          | Human, Mouse                            |
| Host:                | Rabbit                                  |
| Clonality:           | Polyclonal                              |
| Conjugate:           | This Myosin 9 antibody is un-conjugated |
| Application:         | Western Blotting (WB)                   |

## Product Details

|               |  |
|---------------|--|
| Immunogen:    | This MYH9 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1840-1867 amino acids from the C-terminal region of human MYH9. |
| Clone:        | RB38850  |
| Isotype:      | Ig Fraction  |
| Purification: | This antibody is purified through a protein A column, followed by peptide affinity purification.   |

## Target Details

|                   |  |
|-------------------|--|
| Target:           | Myosin 9 (MYH9)  |
| Alternative Name: | MYH9 ( <a href="#">MYH9 Products</a> )   |
| Background:       | This gene encodes a myosin IIA heavy chain that contains an IQ domain and a myosin head-like |

## Target Details

domain. The protein is involved in several important functions, including cytokinesis, cell motility and maintenance of cell shape. Defects in MYH9 are the cause of non-syndromic sensorineural deafness autosomal dominant type 17, Epstein syndrome, Alport syndrome with macrothrombocytopenia, Sebastian syndrome, Fechtner syndrome and macrothrombocytopenia with progressive sensorineural deafness.

Molecular Weight: 226532

Gene ID: 4627

NCBI Accession: [NP\\_002464](#)

UniProt: [P35579](#)

Pathways: [Regulation of G-Protein Coupled Receptor Protein Signaling](#), [Integrin Complex](#)

## Application Details

Application Notes: WB: 1:2000. WB: 1:2000

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

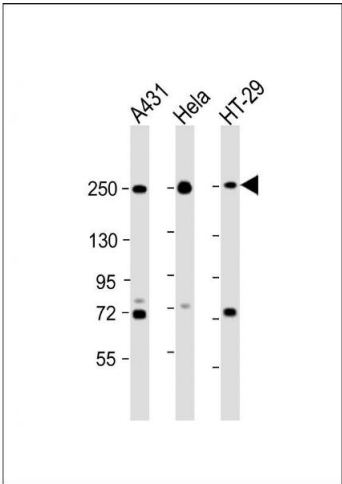
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

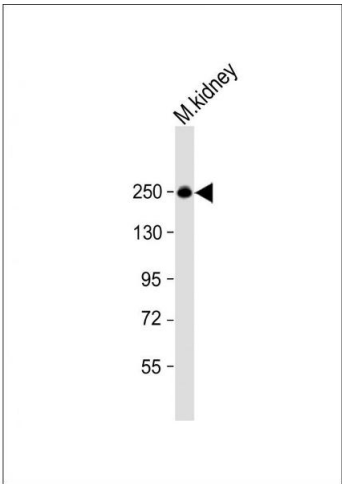
Storage Comment: MYH9 Antibody (C-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.

Expiry Date: 6 months



#### Western Blotting

**Image 1.** All lanes : Anti-MYH9 Antibody (C-term) at 1:2000 dilution Lane 1: A431 whole cell lysate Lane 2: HeLa whole cell lysate Lane 3: HT-29 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 : 227 kDa Blocking/Dilution buffer: 5 % NFDm/TBST.



#### Western Blotting

**Image 2.** Anti- MYH9 Antibody (C-term) at 1:2000 dilution + mouse kidney lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 227 kDa Blocking/Dilution buffer: 5 % NFDm/TBST.