

Datasheet for ABIN2625886

## anti-Myosin 9 antibody (AA 1950-1961)



[Go to Product page](#)

### 1 Image

#### Overview

|                      |  |
|----------------------|--|
| Quantity:            | 200 µL   |
| Target:              | Myosin 9 (MYH9)  |
| Binding Specificity: | AA 1950-1961   |
| Reactivity:          | Human, Rat, Dog  |
| Host:                | Rabbit   |
| Clonality:           | Polyclonal   |
| Conjugate:           | This Myosin 9 antibody is un-conjugated  |
| Application:         | Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF),<br>Immunoprecipitation (IP), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

#### Product Details

|               |   |
|---------------|---|
| Immunogen:    | Synthetic peptide conjugated to KLH, corresponding to amino acids 1950-1961 of human non-muscle Myosin IIA. |
|               | Type of Immunogen: Synthetic peptide  |
| Isotype:      | IgG   |
| Specificity:  | Recognizes human myosin IIA. Species cross-reactivity: Cross-reacts rat and canine.                         |
| Purification: | Immunoaffinity purified   |

#### Target Details

|         |                 |
|---------|-----------------|
| Target: | Myosin 9 (MYH9) |
|---------|-----------------|

## Target Details

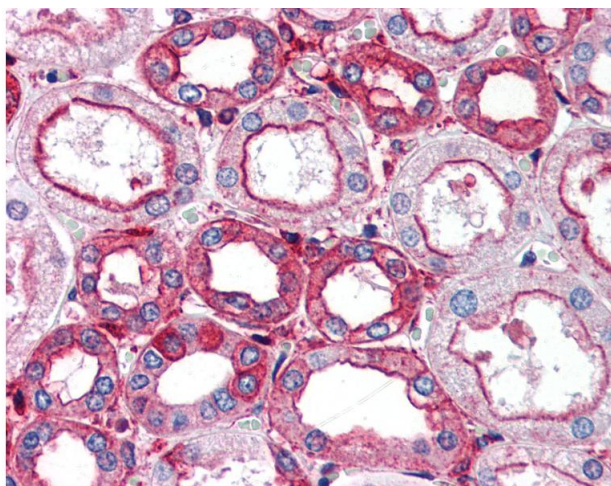
|                   |   |
|-------------------|---|
| Alternative Name: | MYH9 ( <a href="#">MYH9 Products</a> )  |
| Background:       | Name/Gene ID: MYH9<br><br>Synonyms: MYH9, BDPLT6, FTNS, MHA, Myosin heavy chain 9, NMMHC-IIA, NMMHC-A, Myosin-9, NMMHC II-a, DFNA17, EPSTS, NMHC-II-A, NMMHCA |
| Gene ID:          | 4627  |
| Pathways:         | <a href="#">Regulation of G-Protein Coupled Receptor Protein Signaling</a> , <a href="#">Integrin Complex</a>   |

## Application Details

|                    |  |
|--------------------|--|
| Application Notes: | Approved: IF (1:500), IHC, IHC-P (2.5 µg/mL), IP, WB (1:1000)<br><br>Usage: Suitable for use in Immunofluorescence, Immunoprecipitation and Western Blot. Immunofluorescence: 1:500. Western Blot: 1:1000. Detects a band at ~200kD. Staining of myosin IIA (nonmuscle) by immunoblotting is inhibited by the immunizing peptide. Additional bands may be detected in some preparations. Positive control: MDCK or Jurkat whole cell extract (Western Blot). NRK cells (Immunofluorescence). |
| Comment:           | Target Species of Antibody: Human  |
| Restrictions:      | For Research Use only  |

## Handling

|                    |  |
|--------------------|--|
| Format:            | Liquid   |
| Concentration:     | Lot specific   |
| Buffer:            | PBS, pH 7.4, 1 % BSA, 15 mM 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:   | Short term 4°C, long term aliquot and store at -20°C, avoid freeze-thaw cycles.  |



#### Immunohistochemistry

**Image 1.** Anti-MYH9 antibody IHC of human kidney. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.