# Phospho-MYH9-S1943 Rabbit Polyclonal Antibody

**CABP0802**

## Product Information

**Size:**

20uL, 50uL, 100uL, 200uL

**Observed MW:**

250kDa

**Calculated MW:**

159kDa/226kDa

**Applications:**

WB

**Reactivity:**

Human, Mouse, Rat

## Antibody Information

**Recommended dilutions:**
WB 1:500 - 1:2000

**Source:**
Rabbit

**Isotype:**
IgG

**Purification:**
Affinity purification

## Protein Background

This gene encodes a conventional non-muscle myosin; this protein should not be confused with the unconventional myosin-9a or 9b (MYO9A or MYO9B). The encoded protein is a myosin IIA heavy chain that contains an IQ domain and a myosin head-like domain which is involved in several important functions, including cytokinesis, cell motility and maintenance of cell shape. Defects in this gene have been associated with non-syndromic sensorineural deafness autosomal dominant type 17, Epstein syndrome, Alport syndrome with macrothrombocytopenia, Sebastian syndrome, Fechtner syndrome and macrothrombocytopenia with progressive sensorineural deafness.

## Immunogen information

**Gene ID:**
4627

**Uniprot**
P35579

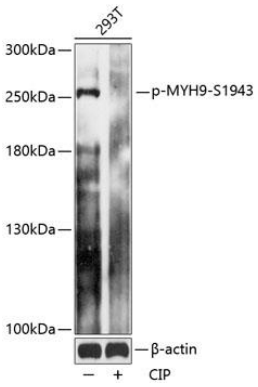
**Synonyms:**
MYH9; BDPLT6; DFNA17; EPSTS; FTNS; MHA; NMHC-II-A; NMMHC-IIA; NMMHCA; myosin-9

**Immunogen:**
A synthetic phosphorylated peptide around S1943 of human MYH9 (NP_002464.1).

**Storage:**
Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Product Images**




Western blot analysis of extracts of 293T cells, using Phospho-MYH9-S1943 antibody (CABP0802) at 1:2000 dilution. 293T cell lysates were treated by CIP at 37°C for 1 hour. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% BSA. Detection: ECL Enhanced Kit (CABM00021). Exposure time: 30s.