

Datasheet for ABIN7268744
anti-Myosin 9 antibody (pSer1943)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	Myosin 9 (MYH9)
Binding Specificity:	pSer1943
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Myosin 9 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	Phospho-MYH9-S1943 Rabbit pAb
Immunogen:	A synthetic phosphorylated peptide around S1943 of human MYH9 (NP_002464.1).
Sequence:	DGSDE
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Phosphorylated Antibodies
Purification:	Affinity purification

Target Details

Target:	Myosin 9 (MYH9)
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Target Details

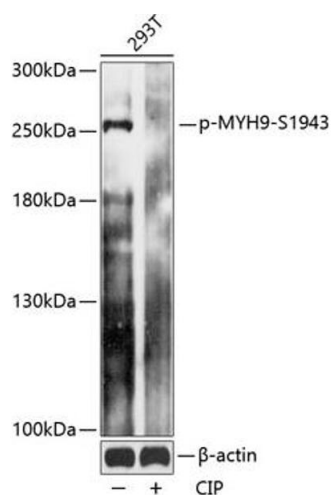
Alternative Name:	MYH9 (MYH9 Products)
Background:	<p>This gene encodes a conventional non-muscle myosin, this protein should not be confused with the unconventional myosin-9a or 9b (MYO9A or MYO9B). The encoded protein is a myosin IIA heavy chain that contains an IQ domain and a myosin head-like domain 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.,MYH9,BDPLT6,DFNA17,EPSTS,FTNS,MHA,NMHC-II-A,NMMHC-IIA,NMMHCA,myosin-9,Signal Transduction,Cell Biology & Developmental Biology,Cytoskeleton,Motor Proteins,Protein phosphorylation,MYH9</p>
Molecular Weight:	159kDa/226kDa
Gene ID:	4627
UniProt:	P35579
Pathways:	Regulation of G-Protein Coupled Receptor Protein Signaling , Integrin Complex

Application Details

Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
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:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of 293T cells, using Phospho-MYH9-S1943 antibody (ABIN7268744) 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) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % BSA. Detection: ECL Enhanced Kit (RM00021). Exposure time: 30s.