

Product datasheet for **TA346515**

myosin heavy chain 9 (MYH9) Rabbit Polyclonal Antibody

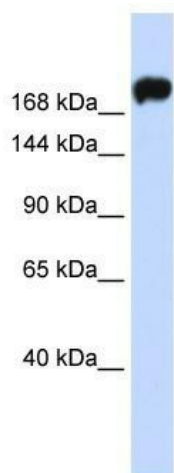
Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-MYH9 antibody: synthetic peptide directed towards the middle region of human MYH9. Synthetic peptide located within the following region: DAMNREVSSLKNKLRRGDLPFVPRRMARKGAGDGSDEEVDGKADGAEAK
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	226 kDa
Gene Name:	myosin, heavy chain 9, non-muscle
Database Link:	NP_002464 Entrez Gene 4627 Human P35579

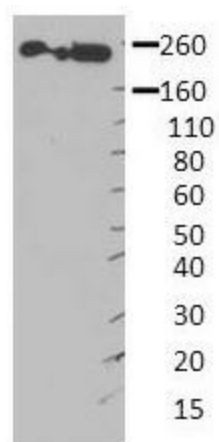


[View online »](#)

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. [provided by RefSeq, Dec 2011]
Synonyms:	BDPLT6; DFNA17; EPSTS; FTNS; MHA; NMHC-II-A; NMMHC-IIA; NMMHCA
Note:	Immunogen Sequence Homology: Human: 100%; Dog: 93%; Pig: 93%; Rat: 93%; Mouse: 86%; Rabbit: 86%; Guinea pig: 86%
Protein Families:	Druggable Genome
Protein Pathways:	Regulation of actin cytoskeleton, Tight junction, Viral myocarditis

Product images:

WB Suggested Anti-MYH9 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1: 2500; Positive Control: MCF7 cell lysate



MYH9 antibody - middle region validated by WB using Hek 293 Whole Cell Lysate at 1: 4, 000.