# antibodies .- online.com







# anti-MYH10 antibody (N-Term)





Publication



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Quantity:	100 μL
Target:	MYH10
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Rabbit, Dog, Horse, Cow, Zebrafish (Danio rerio), Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MYH10 antibody is un-conjugated
Application:	Western Blotting (WB)

# **Product Details**

Target Details

MYH10

Target:

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human MYH10
Sequence:	WFPKATDKTF VEKLVQEQGS HSKFQKPRQL KDKADFCIIH YAGKVDYKAD
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 86%
Characteristics:	This is a rabbit polyclonal antibody against MYH10. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

# Target Details

Alternative Name:	MYH10 (MYH10 Products)	
Background:	MYH10 is the cellular myosin that appears to play a role in cytokinesis, cell shape, and	
	specialized functions such as secretion and capping.	
	Alias Symbols: MGC134913, MGC134914, NMMHCB, NMMHC-IIB	
	Protein Interaction Partner: FUS, HDAC6, UBC, LGR4, ASB12, RPA3, RPA2, RPA1, EED, UBD,	
	PAN2, ZNF512B, VCAM1, ITGA4, FN1, EIF4A3, MAGOH, ESYT1, IQGAP1, RAB11A, RALA,	
	HNRNPM, MY01C, MYH9, ILF3, HSPA5, GNAI2, FKBP3, SEPT7, ACTC1, ACTA2, UBASH3B,	
	BCAP31, SHC1, PIK3R2, GRK5, CBL, CUL1, CD	
	Protein Size: 1976	
Molecular Weight:	229 kDa	
Gene ID:	4628	
NCBI Accession:	NM_005964, NP_005955	
UniProt:	P35580	
Application Details		
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.	
Comment:	Antigen size: 1976 AA	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Concentration:	Lot specific	
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 %	
	sucrose.	
Preservative:	Sodium azide	
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which	
	should be handled by trained staff only.	
Handling Advice:	Avoid repeated freeze-thaw cycles.	
Storage:	-20 °C	
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small	

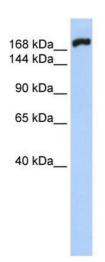
aliquots to prevent freeze-thaw cycles.

## **Publications**

Product cited in:

Small, Seman, Castator, Brown, Liggett: "False positive non-synonymous polymorphisms of G-protein coupled receptor genes." in: **FEBS letters**, Vol. 516, Issue 1-3, pp. 253-6, (2002) (PubMed ).

## **Images**



# **Western Blotting**

**Image 1.** WB Suggested Anti-MYH10 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:1562500 Positive Control: Human Lung