

Datasheet for ABIN2775330
anti-MYH1 antibody (N-Term)[Go to Product page](#)

4 Images

2 Publications

Overview

Quantity:	100 µL
Target:	MYH1
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Horse, Rabbit, Cow, Guinea Pig, Sheep, Dog, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MYH1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human MYH1
Sequence:	KTSVFVDPK ESFVKATVQS REGGKVTAKT EAGATVTVKD DQVFPMNPPK
Predicted Reactivity:	Cow: 100%, Dog: 93%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Sheep: 100%, Zebrafish: 85%
Characteristics:	This is a rabbit polyclonal antibody against MYH1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	MYH1
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Target Details

Alternative Name:	MYH1 (MYH1 Products)
Background:	<p>Myosin is a major contractile protein which converts chemical energy into mechanical energy through the hydrolysis of ATP. Myosin is a hexameric protein composed of a pair of myosin heavy chains (MYH) and two pairs of nonidentical light chains. Myosin hea</p> <p>Alias Symbols: MGC133384, MYHSA1, MYHa, MyHC-2X/D, MyHC-2x</p> <p>Protein Interaction Partner: KRT13, WWOX, PIK3C3, ARRB1, UBC, STAU1,</p> <p>Protein Size: 1939</p>
Molecular Weight:	223 kDa
Gene ID:	4619
NCBI Accession:	NM_005963 , NP_005954
UniProt:	P12882

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 1939 AA
Restrictions:	For Research Use only

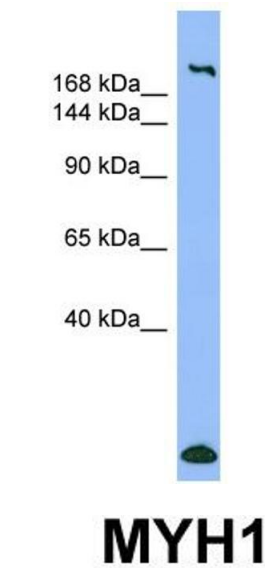
Handling

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: Tordjman, Leroyer, Chauvet, Quette, Chauvet, Tomkiewicz, Chapron, Barouki, Forest, Aggerbeck, Antoine: "Cytosolic aspartate aminotransferase, a new partner in adipocyte glyceroneogenesis and an atypical target of thiazolidinedione." in: **The Journal of biological chemistry**, Vol. 282, Issue 32, pp. 23591-602, (2007) ([PubMed](#)).

Images



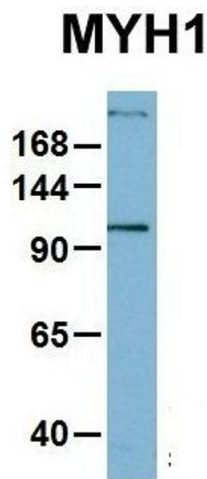
Western Blotting

Image 1. WB Suggested Anti-MYH1 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: COLO205 cell lysate



Western Blotting

Image 2. Host: Rabbit Target Name: MYH1 Sample Tissue: Human OVCA-3 Antibody Dilution: 1.0ug/ml



Western Blotting

Image 3. Host: Rabbit Target Name: MYH1 Sample Type: OVCAR-3 Antibody Dilution: 1.0ug/ml MYH1 is supported by BioGPS gene expression data to be expressed in OVCAR3

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN2775330.