

Anti-Myosin 7B/MHC14 (Hinge region) Antibody

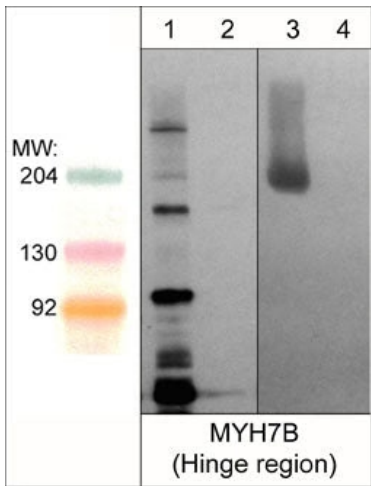


Product Details

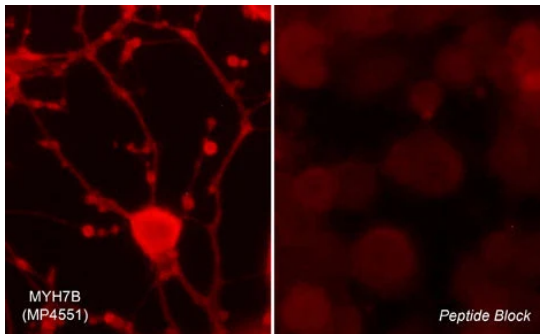
Available Variants	100 µL (SKU:MP4551)
Conjugate	Unconjugated
Isotype	IgG
Gene Name	MYH7B
Host Species	Rabbit
Format	Antigen Affinity Purified
Physical State	Liquid
Buffer	PBS + 1 mg/ml BSA, 0.05% NaN ₃ and 50% glycerol
Applications	ELISA, ICC, WB
Dilution Ranges	WB: 1:1000 ICC: 1:300
Species Reactivity	Human, Mouse, Rat
Immunogen	A synthetic peptide (coupled to KLH) corresponding to amino acid residues in the hinge region from mouse MYH7B/MHC14. This sequence is highly conserved in rat and human MYH7B, and has less than 50% identity with other MYH family members.
Specificity	The antibody detects a 215 kDa* protein corresponding to the apparent molecular mass of MYH7B on SDS-PAGE immunoblots of mouse extraocular muscle and brain.
Molecular Weight	215
Quality Control	Western blots performed on each lot.
Storage	Storage at -20°C is recommended, as aliquots may be taken without freeze/thawing due to presence of 50% glycerol. Stable for at least 1 year at -20°C.

UniProt ID	A2AQP0
Country of Origin	United States
Shipping	Blue Ice
Expiration	After date of receipt, stable for at least 1 year at -20°C.
Usage Statement	For research use only. Not intended for therapeutic or diagnostic use. Use of all products is subject to our terms and conditions, which can be viewed on our website.

Product Images



Western blot analysis MYH7B in mouse brain (lane 1 & 2) and mouse extraocular muscle (lane 3 & 4). The blot was probed with rabbit polyclonal anti-MYH7B/MHC14 (Hinge region) at 1:500 in absence (lanes 1 & 3) and presence of MYH7B blocking peptide (MX4555; lanes 2 & 4).



Immunocytochemical labeling of MYH7B in rat PC12 cells differentiated with NGF. The cells were probed with MYH7B (Hinge region) rabbit polyclonal antibody (MP4551) in the absence (left) or presence (right) of blocking peptide (MX4555). The antibody was detected using appropriate secondary antibody conjugated to DyLight® 594.

Product Page URL: www.antibodiesinc.com/products/anti-myosin-7b-mhc14-hinge-region-antibody-mp4551

