
Product Information

Product SKU:	CAB15292	Gene ID:	4620	Size:	20uL, 100uL
Clone No:	-	Host Species:	Rabbit	Reactivity:	Human,Mouse,Rat

Additional Information

Observed MW:	250kDa	Conjugate:	Unconjugated
Calculated MW:	223kDa	Isotype:	IgG

Immunogen Information

Background: Myosins are actin-based motor proteins that function in the generation of mechanical force in eukaryotic cells. Muscle myosins are heterohexamers composed of 2 myosin heavy chains and 2 pairs of nonidentical myosin light chains. This gene encodes a member of the class II or conventional myosin heavy chains, and functions in skeletal muscle contraction. This gene is found in a cluster of myosin heavy chain genes on chromosome 17. A mutation in this gene results in inclusion body myopathy-3. Multiple alternatively spliced variants, encoding the same protein, have been identified.

Recommended Dilution: WB,1:500 - 1:1000 IF/ICC,1:50 - 1:200

Synonyms: IBM3; CMYP6; MYH2A; MYPOP; MYHSA2; MYHas8; MyHC-2A; MyHC-IIa; MYH2

Purification Method: Affinity purification

Immunogen: A synthetic peptide corresponding to a sequence within amino acids 600-700 of human MYH2 (NP_001093582.1).

Storage: Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3.