



MYH4 Polyclonal Antibody

Catalog No	YP-Ab-03157
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	IHC;IF;ELISA
Gene Name	MYH4
Immunogen	The antiserum was produced against synthesized peptide derived from human MYH4. AA range:1677-1726
Specificity	MYH4 Polyclonal Antibody detects endogenous levels of MYH4 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	IHC: 1/100 - 1/300. ELISA: 1/5000.. IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	fetal;MYH2B;Myh4;MYH4_HUMAN;MyHC-2b;MyHC-IIb;Myosin heavy chain 2b; Myosin heavy chain 4;Myosin heavy chain 4 skeletal muscle;Myosin heavy chain;Myosin heavy chain IIb;Myosin heavy chain skeletal muscle fetal;Myosin-4; skeletal muscle
Observed Band	
Calculated Molecular Weight	
Cell Pathway	Cytoplasm, myofibril. Thick filaments of the myofibrils.
Tissue Specificity	Skeletal muscle,
Function	domain:The rodlike tail sequence is highly repetitive, showing cycles of a 28-residue repeat pattern composed of 4 heptapeptides, characteristic for alpha-helical coiled coils.,function:Muscle contraction.,miscellaneous:Each myosin heavy chain can be split into 1 light meromyosin (LMM) and 1 heavy meromyosin (HMM). It can later be split further into 2 globular subfragments (S1) and 1 rod-shaped subfragment (S2).,similarity:Contains 1 IQ domain., similarity:Contains 1 myosin head-like domain.,subcellular location:Thick filaments of the myofibrils.,subunit:Muscle myosin is a hexameric protein that consists of 2 heavy chain subunits (MHC), 2 alkali light chain subunits (MLC)



and 2 regulatory light chain subunits (MLC-2).,

Background

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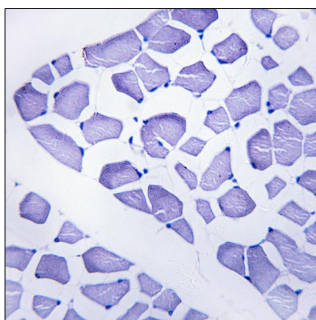
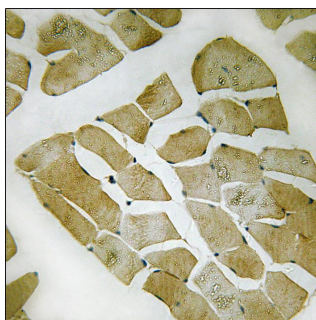
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Immunohistochemistry analysis of paraffin-embedded human skeletal muscle, using MYH4 Antibody. The picture on the right is blocked with the synthesized peptide.