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Myosin-3 Rabbit pAb

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Catalog # AP54317

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	P11055
Reactivity	Rat, Mouse
Predicted	Pig, Human, Rabbit, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	223905
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human Myosin-3
Epitope Specificity	1801-1940/1940
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Cytoplasm, myofibril. Note=Thick filaments of the myofibrils.
DISEASE	Arthrogryposis, distal, 2A (DA2A) [MIM:193700]: A form of distal arthrogryposis, a disease characterized by congenital joint contractures that mainly involve two or more distal parts of the limbs, in the absence of a primary neurological or muscle disease. DA2A is characterized by contractures of the hands and feet, oropharyngeal abnormalities, scoliosis, and a distinctive face that includes a very small oral orifice, puckered lips, and an H-shaped dimple of the chin. Note=The disease is caused by mutations affecting the gene represented in this entry.Arthrogryposis, distal, 2B (DA2B) [MIM:601680]: A form of distal arthrogryposis, a disease characterized by congenital joint contractures that mainly involve two or more distal parts of the limbs, in the absence of a primary neurological or muscle disease. DA2B is characterized by contractures of the hands and feet, and a distinctive face characterized by prominent nasolabial folds, small mouth and downslanting palpebral fissures. Note=The disease is caused by mutations affecting the gene represented in this entry.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Additional Information

Gene ID	4621
Other Names	Myosin-3, Muscle embryonic myosin heavy chain, Myosin heavy chain 3, Myosin heavy chain, fast skeletal muscle, embryonic, SMHCE, MYH3
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When

reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

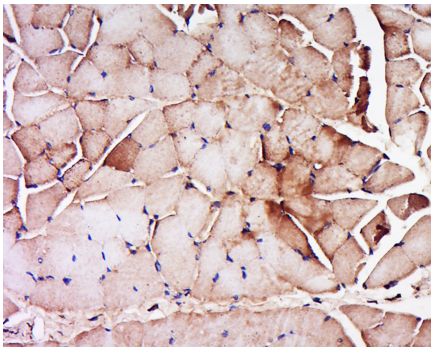
Protein Information

Name	MYH3
Function	Muscle contraction.
Cellular Location	Cytoplasm, myofibril. Note=Thick filaments of the myofibrils
Tissue Location	Expressed in fetal bone, thymus, placenta, heart, brain, and liver.

Background

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Images



Tissue/cell: Rat skeletal muscle; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37℃ for 20 min; Incubation: Anti-Myosin-3 Polyclonal Antibody, Unconjugated(AP54317) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.