



CMYA5 rabbit pAb

Catalog No	BYab-11591
Isotype	IgG
Reactivity	Human; Mouse
Applications	IHC;IF
Gene Name	CMYA5 C5orf10 DTNBP2 SPRYD2 TRIM76
Protein Name	CMYA5
Immunogen	Synthesized peptide derived from human CMYA5 AA range: 3866-3916
Specificity	This antibody detects endogenous levels of CMYA5 at Human/Mouse
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 serum by affinity-chromatography using specific immunogen.
Dilution	IHC-p 1: 50-200. IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	
Cell Pathway	Nucleus . Sarcoplasmic reticulum . Cytoplasm . Cytoplasm, perinuclear region . Cytoplasm, myofibril, sarcomere, M line . Found predominantly at the periphery of the nucleus but also throughout the cell. Localized in lysosomes (By similarity). In skeletal muscles, localizes along myofiber periphery, at costameres (By similarity). Predominantly flanks Z-disks (By similarity). Occasionally present at the M-band level. Colocalized with RYR2 in the sarcoplasmic reticulum (By similarity). .
Tissue Specificity	Expressed in skeletal muscle; at a strong level and in heart.
Function	domain:Amphipathic helix regions act as an anchoring domain for PKA, and appear to be responsible of the interaction between myospryn and PRKAR2A.,induction:Down-regulated in muscle cell lines derived from patients with Duchenne muscular dystrophy (DMD).,sequence caution:Contaminating sequence. Potential poly-A sequence.,sequence caution:Translated as Trp.,similarity:Contains 1 B30.2/SPRY domain.,similarity:Contains 2 fibronectin type-III domains.,subcellular location:Found predominantly at the periphery of the

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nucleus but also throughout the cell. Localized at the Z-line costamere connection level of the sarcolemma and in lysosomes.,subunit:Interacts with ACTN2, DTNBP1/dysbindin and PRKAR2A (By similarity). Interacts with DES.,tissue specificity:Expressed in skeletal muscle; at a strong level and in heart.,

Background

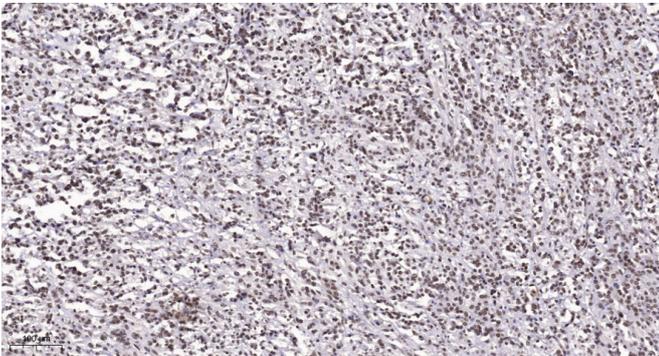
matters needing attention

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



Immunohistochemical analysis of paraffin-embedded human Small intestinal stromal tumor. 1, Tris-EDTA,pH9.0 was used for antigen retrieval. 2 Antibody was diluted at 1:200(4° overnight.3,Secondary antibody was diluted at 1:200(room temperature, 45min).