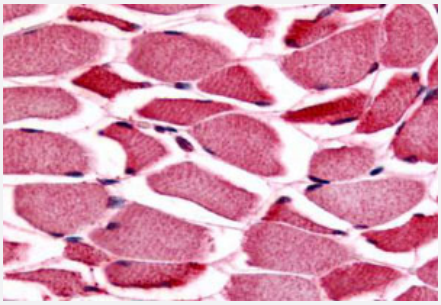
PYGM polyclonal antibody

Catalog # PAB28176 Size 50 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) of human skeletal muscle with PYGM polyclonal antibody (Cat # PAB28176). Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of PYGM.
Immunogen	A synthetic peptide corresponding to 10 amino acids at internal region of human PYGM.
Host	Rabbit
Reactivity	Bovine, Dog, Human, Monkey, Mouse, Rabbit, Rat, Sheep
Specificity	BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Form	Liquid
Purification	Immunoaffinity chromatography
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (10 ug/ml)
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

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Gene Info — PYGM

Entrez GeneID	5837
Protein Accession#	P11217
Gene Name	PYGM
Gene Alias	-
Gene Description	phosphorylase, glycogen, muscle
Omim ID	232600 608455
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a muscle enzyme involved in glycogenolysis. Highly similar enzymes encoded by different genes are found in liver and brain. Mutations in this gene are associated with McArdle disease (myophosphorylase deficiency), a glycogen storage disease of muscle. Alternative splici ng results in multiple transcript variants
Other Designations	McArdle syndrome|glycogen phosphorylase|glycogen storage disease type V|myophosphorylase|phosphorylase, glycogen; muscle (McArdle syndrome, glycogen storage disease type V)

Pathway

- Insulin signaling pathway
- Starch and sucrose metabolism

Disease

- Glycogen Storage Disease Type V

- Muscular Diseases