Rabbit MYL6 Polyclonal Antibody | anti-MYL6 antibody

MYL6 antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA200731	**Rabbit**	**Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Sheep, Zebrafish**	**Western Blot, Immunohistochemistry**

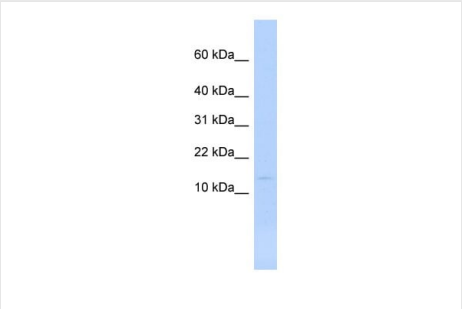
PRODUCT SYNONYMS

MYL6; Polyclonal Antibody; MYL6 antibody - middle region; anti-MYL6 antibody

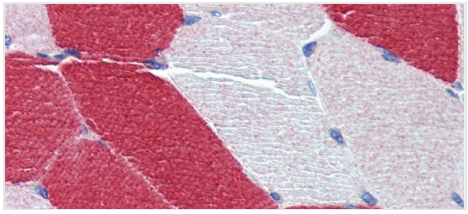
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Sheep, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Syntheticp eptideloca tedwithint hefollowin gregion:PM LQTVAKNKDQ GTYEDYVEGL RVFDKEGNGT VMGAEIRHVL VTLGEKMT
Sequence Length	151
Applicable Applications for anti-MYL6 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 100%; Dog: 92%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Sheep: 100%; Zebrafish: 86%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human MYL6
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

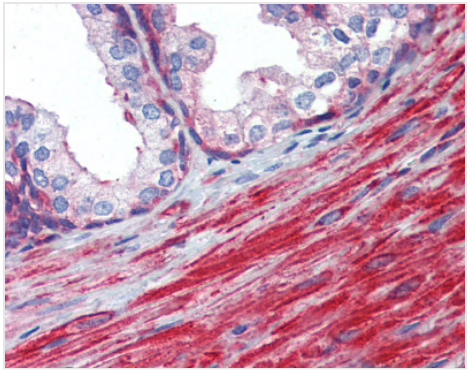
IMAGES



WB (Western Blot)
WB Suggested Anti-MYL6 Antibody Titration: 1 ug/mlPositive Control: HepG2 cell lysateMYL6 is supported by BioGPS gene expression data to be expressed in HepG2



IHC (Immunohiostchemistry)
Immunohistochemistry with Human Skeletal Muscle lysate tissue at an antibody concentration of 5.0ug/ml using anti-MYL6 antibody



IHC (Immunohistochemistry)
Human Prostate

ADDITIONAL INFORMATION

Related Product Information for anti-MYL6 antibody	This is a rabbit polyclonal antibody against MYL6. It was validated on Western Blot using a cell lysate as a positive control. Target Description: MYL6 contains 3 EF-hand domains. It is the regulatory light chain of myosin. MYL6 does not bind calcium. Myosin is a hexameric ATPase cellular motor protein. It is composed of two heavy chains, two nonphosphorylatable alkali light chains, and two phosphorylatable regulatory light chains. This gene encodes a myosin alkali light chain that is expressed in smooth muscle and non-muscle tissues. Genomic sequences representing several pseudogenes have been described and two transcript variants encoding different isoforms have been identified for this gene.
Product Categories/Family for anti-MYL6 antibody	Polyclonal; Signal Proteins; Lymphocyte Signaling; Membrane Protein; Developmental Biology; Immunohistochemistry; Receptors

NCBI AND UNIPROT INFORMATION

NCBI GI #	88999583
NCBI GeneID	4637
NCBI Accession #	NP_524147
NCBI GenBank Nucleotide #	NM_079423
UniProt Accession #	P60660
Molecular Weight	17kDa
NCBI Official Full Name	myosin light polypeptide 6 isoform 2
NCBI Official Synonym Full Names	myosin light chain 6
NCBI Official Symbol	MYL6
NCBI Official Synonym Symbols	LC17; ESMLC; LC17A; LC17B; MLC-3; MLC1SM; MLC3NM; MLC3SM; LC17-GI; LC17-NM
NCBI Protein Information	myosin light polypeptide 6
UniProt Protein Name	Myosin light polypeptide 6
UniProt Gene Name	**MYL6**
UniProt Synonym Gene Names	LC17; MLC-3
UniProt Entry Name	MYL6_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.