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Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP57711_P050-Biotin
Product Page	www.avivasysbio.com/myl6-antibody-n-terminal-region-biotin-arp57711-p050-biotin.html
Name	MYL6 Antibody - N-terminal region : Biotin (ARP57711_P050-Biotin)
Protein Size (# AA)	151 amino acids
Molecular Weight	17kDa
Conjugation	Biotin
NCBI Gene Id	4637
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Myosin, light chain 6, alkali, smooth muscle and non-muscle
Alias Symbols	LC17, ESMLC, LC17A, LC17B, MLC-3, MLC1SM, MLC3NM, MLC3SM, LC17-GI, LC17-NM
Peptide Sequence	Synthetic peptide located within the following region: CDFTEDQTAEFKEAFQLFDRITGDGKILYSQCGDVMRALGQNPTNAEVLKV
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Fu,Z.Y., (2006) Acta Biochim. Biophys. Sin. (Shanghai) 38 (9), 625-632
Description of Target	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.
Protein Interactions	ADAMTS12; UBC; MDM2; SUZ12; MYL12A; MYH9; MYH14; GRIPAP1; UBD; GLP1R; PAN2; VCAM1; MLH1; ITGA4; FN1; TSGA10; ESR1; HSP90AB1; DES; ATP5B; MYL6B; LRRK2; CUL1; CDK2; ARRB1; ARRB2; SUMO2; SRRM2; USP45; USP46; USP18; MOB4; DNAJB9; NUDT21; EWSR1;
Reconstitution and Storage	All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.
Datasheets/Manuals	Printable datasheet for anti-MYL6 (ARP57711_P050-Biotin) antibody
Blocking Peptide	For anti-MYL6 (ARP57711_P050-Biotin) antibody is Catalog# AAP57711 (Previous Catalog# AAPP34205)
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human MYL6
Uniprot ID	P60660
Protein Name	Myosin light polypeptide 6
Sample Type Confirmation	MYL6 is supported by BioGPS gene expression data to be expressed in 721_B, HepG2
Protein Accession #	NP_524147
Purification	Affinity Purified
Nucleotide Accession #	NM_079423
Gene Symbol	MYL6
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Sheep, Zebrafish
Application	IHC, WB

Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 90%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Sheep: 100%; Zebrafish: 92%
Image 1	 A schematic diagram of a Y-shaped antibody molecule. It consists of two heavy chains (inner lines) and two light chains (outer lines) joined at their C-termini. The two heavy chains are connected to each other and to the two light chains, forming a Y-shape with two antigen-binding arms.

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This product is for Research Use Only. Not for diagnostic, human, or veterinary use.
Optimal conditions of its use should be determined by end users.

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