

Rabbit Myosin regulatory light chain 2 Polyclonal Antibody | anti-MYRL2 antibody

Myosin regulatory light chain 2 (Phospho-Ser18) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA316265	Rabbit	Human, Mouse, Rat	ELISA, Immunofluorescence, Immunohistochemistry, Western Blot

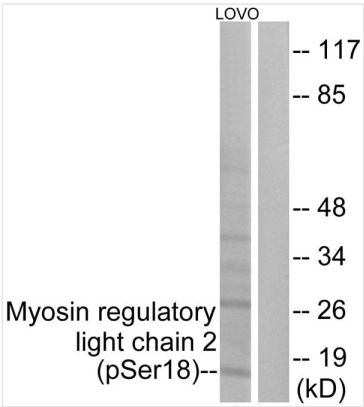
PRODUCT SYNONYMS

Myosin regulatory light chain 2; Polyclonal Antibody; Myosin regulatory light chain 2 (Phospho-Ser18) Antibody; Myosin regulatory light polypeptide 9; 20 kDa myosin light chain; LC20; MLC-2C; Myosin RLC; Myosin regulatory light chain 2 smooth muscle isoform; Myosin regulatory light chain 9; Myosin regulatory light chain MRLC1; MYL9; MLC2; MRLC1; anti-MYRL2 antibody

PRODUCT SPECIFICATIONS

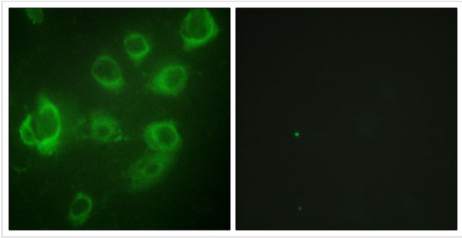
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	Myosin regulatory light chain 2 (Phospho-Ser18) Antibody detects endogenous levels of Myosin regulatory light chain 2 only when phosphorylated at Ser18.
Purity/Purification	Purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1 mg/ml (varies by lot)
Sequence Length	118
Applicable Applications for anti-MYRL2 antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Target Modification	Phospho
Modification Sites	H:S18; M:S20; R:S19
Immunogen	The antiserum was produced against synthesized peptide derived from human Myosin regulatory light chain 2 around the phosphorylation site of Ser18.
Immunogen Range	Mar-52
Preparation and Storage	Stable at -20 degree C for at least 1 year.

IMAGES



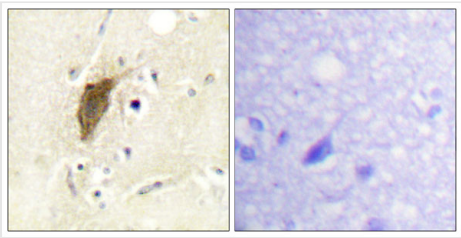
WB (Western Blot)

Western blot analysis of lysates from LOVO cells treated with H₂O₂ 100uM 30', using Myosin regulatory light chain 2 (Phospho-Ser18) Antibody. The lane on the right is blocked with the phospho peptide.



IF (Immunofluorescence)

Immunofluorescence analysis of HUVEC cells, using Myosin regulatory light chain 2 (Phospho-Ser18) Antibody. The picture on the right is blocked with the phospho peptide.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human brain, using Myosin regulatory light chain 2 (Phospho-Ser18) Antibody. The picture on the right is blocked with the phospho peptide.

NCBI AND UNIPROT INFORMATION

NCBI GI #	29568111
NCBI GeneID	10398
NCBI Accession #	NP_006088.2
NCBI GenBank Nucleotide #	NM_006097.4
UniProt Accession #	P24844; Q9BQL9; Q9BUF9; Q9H136; E1P5T6
Molecular Weight	19 kDa
NCBI Official Full Name	myosin regulatory light polypeptide 9 isoform a
UniProt Protein Name	Myosin regulatory light polypeptide 9
UniProt Gene Name	MYL9
UniProt Synonym Gene Names	MLC2; MRLC1; MYRL2; LC20

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/myosin-regulatory-light-chain-2-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/316265>