Datasheet for ABIN1532465

anti-MYL12B antibody (AA 3-52)

3 Images

Go to Product page

Overview

Quantity:	100 µL
Target:	MYL12B
Binding Specificity:	AA 3-52
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MYL12B antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human MRLC2.
Isotype:	IgG
Specificity:	MRLC2 Antibody detects endogenous levels of total MRLC2 protein.
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using immunogen.
Purity:	> 95 %

Target Details

Target:	MYL12B
Alternative Name:	MRLC2 (MYL12B Products)
Background:	Synonyms: Myosin regulatory light polypeptide 9, 20 kDa myosin light chain, LC20, MLC-2C,

Target Details

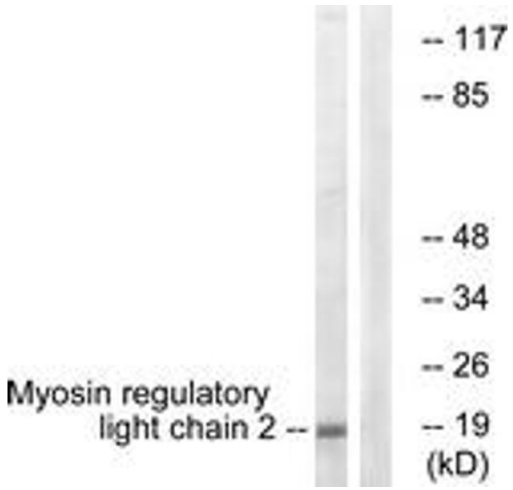
	Myosin RLC, Myosin regulatory light chain 2 smooth muscle isoform, Myosin regulatory light chain 9, Myosin regulatory light chain MRLC1 , MYL9 , MLC2, MRLC1, MYRL2 NCBI Gene Symbol: MLRN
Molecular Weight:	19 kDa
Gene ID:	10398, 10627
OMIM:	609905
UniProt:	P24844, P19105
Pathways:	Feeding Behaviour

Application Details

Application Notes:	WB: 1:500~1:1000 IHC: 1:50~1:100 IF: 1:100~1:500 ELISA: 1:1000
Comment:	Unigene-Number: Hs.504687, Hs.190086 (NCBI Gene Symbol: MLRN)
Restrictions:	For Research Use only

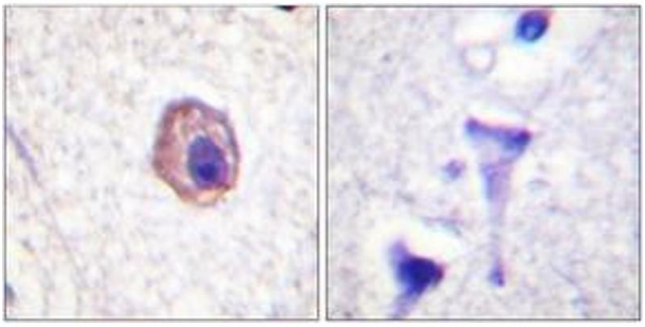
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months



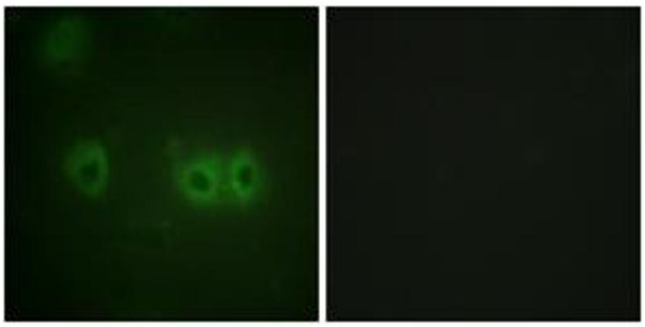
Western Blotting

Image 1. Western blot analysis of extracts from COLO205 cells, using MRLC2 (Ab-18) Antibody. The lane on the right is treated with the synthesized peptide.



Immunohistochemistry

Image 2. Immunohistochemistry analysis of paraffin-embedded human brain tissue, using MRLC2 (Ab-18) Antibody. The picture on the right is treated with the synthesized peptide.



Immunofluorescence

Image 3. Immunofluorescence analysis of HuvEc cells, using MRLC2 (Ab-18) Antibody. The picture on the right is treated with the synthesized peptide.