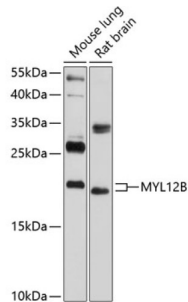


Myosin Light Chain 12B (MYL12B) Antibody

Catalogue No.: abx003905



Western blot analysis of extracts of various cell lines using MYL12B Antibody (1/1000 dilution).

MYL12B Antibody is a Rabbit Polyclonal antibody against MYL12B. The activity of nonmuscle myosin II (see MYH9; MIM 160775) is regulated by phosphorylation of a regulatory light chain, such as MRLC2. This phosphorylation results in higher MgATPase activity and the assembly of myosin II filaments (Iwasaki et al., 2001).

Target:	Myosin Light Chain 12B (MYL12B)
Clonality:	Polyclonal
Reactivity:	Mouse, Rat
Tested Applications:	WB
Host:	Rabbit
Recommended dilutions:	WB: 1/500 - 1/2000. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Recombinant fusion protein corresponding to human MYL12B
Isotype:	IgG
Form:	Liquid
Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	O14950 (UniProt , ExPASy)
Gene Symbol:	MYL12B

Datasheet

Version: 4.0.0
Revision date: 17 Oct 2025



GeneID: [103910](#)

NCBI Accession: NP_291024.1

KEGG: hsa:103910

String: [9606.ENSP00000463559](#)

Molecular Weight: Calculated MW: 19 kDa
Observed MW: 20 kDa

Buffer: PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol.

Concentration: 1 mg/ml

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only