
phospho-MYL12B (Ser20) Rabbit pAb

Catalog Number: bs-19149R

Target Protein: phospho-MYL12B (Ser20)

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:500-2000), IHC-P (1:100-500), IHC-F (1:100-500), IF (1:100-500)

Reactivity: Human, Mouse (predicted:Rat, Rabbit, Pig, Sheep, Cow, Dog)

Predicted MW: 18 kDa

Entrez Gene: 103910

Swiss Prot: O14950

Source: KLH conjugated synthesised phosphopeptide derived from human Mylc2b around the phosphorylation site of Ser20: AT(p-S)NV.

Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: 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 [PubMed 11942626]).[supplied by OMIM, Mar 2008]