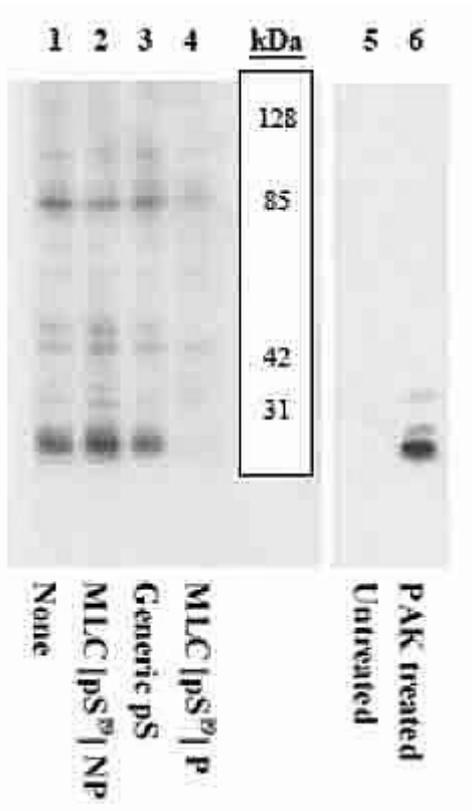


# Phospho-MYLK (Ser19) Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Chicken, Human
Published Species	Rat, Bovine, Human
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	The antiserum was produced against a chemically synthesized phosphopeptide derived from the region of MLC that contains serine 19 (serine 20 including the initiating methionine).
Form	Liquid
Purification	Antigen affinity chromatography
Storage buffer	Dulbecco's PBS, pH 7.3, with 50% glycerol, 1mg/mL BSA
Contains	0.05% sodium azide
Storage conditions	-20°C
RRID	AB_2533618

Applications	Tested Dilution	Publications
Western Blot (WB)	1:1,000	3 Publications

## Product Images For Phospho-MYLK (Ser19) Polyclonal Antibody



### Phospho-MYLK (Ser19) Antibody (44-260G) in WB

Extracts of HeLa cells spiked with chicken gizzard myosin II left untreated (5) or phosphorylated in vitro by PAK (1-4, 6) were resolved by SDS-PAGE on a 10% Tris-glycine gel and transferred to PVDF. The membrane was incubated with the MLC (pS19) Polyclonal Antibody, Rabbit (Product # 44-260G).

### 3 References

#### Western Blot (3)

The Journal of cell biology

#### RhoB controls endothelial barrier recovery by inhibiting Rac1 trafficking to the cell border.

"44-260G was used in western blot to study inhibition of Rac1 trafficking to the cell border by RhoB control of the endothelial barrier recovery"

Authors: Marcos-Ramiro B, García-Weber D, Barroso S, Feito J, Ortega MC, Cernuda-Morollón E, Reglero-Real N, Fernández-Martín L, Durán MC, Alonso MA, Correias I, Cox S, Ridley AJ, Millán J

Year  
2016

Free radical biology & medicine

#### A novel function of nuclear nonmuscle myosin regulatory light chain in promotion of xanthine oxidase transcription after myocardial ischemia /reperfusion.

"44-260G was used in ChIP assay, immunocytochemistry, and western blot to study the involvement of nuclear nonmuscle myosin regulatory light chain in response to myocardial ischemia/reperfusion"

Authors: Zhang YS, Liu B, Luo XJ, Zhang JJ, Li NS, Ma QL, Jiang JL, Li YJ, Li Q, Peng J

Year  
2015

Species  
Rat

[View more WB references on thermofisher.cn](#)

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