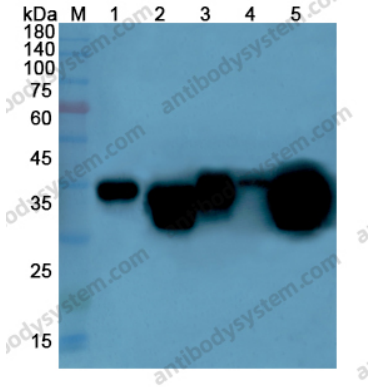
Anti-CKM Polyclonal Antibody

Summary

Catalog No.	PHC21101
Host species	Rabbit
Tested applications	ELISA: 1:4000-1:8000, IHC: 1:50-1:100, WB: 1:1000-1:4000
Species reactivity	Human, Mouse, Rat
Immunogen	E. coli - derived recombinant Human CKM (Met1-Lys381).
Form	Liquid
Storage buffer	0.01M PBS, pH 7.4, 50% Glycerol, 0.05% Proclin 300.
Clonality	Polyclonal
Isotype	IgG
Applications	ELISA, IHC, WB
Target	Creatine kinase M chain,Creatine phosphokinase M-type,Creatine kinase M-type,CKMM,CKM,CPK-M,M-CK
Purification	Purified by antigen affinity column.
Accession	P06732
Stability and Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8°C for frequent use. Store at -20 to -80°C for twelve months from the date of receipt.
Note	For research use only.

Data Image



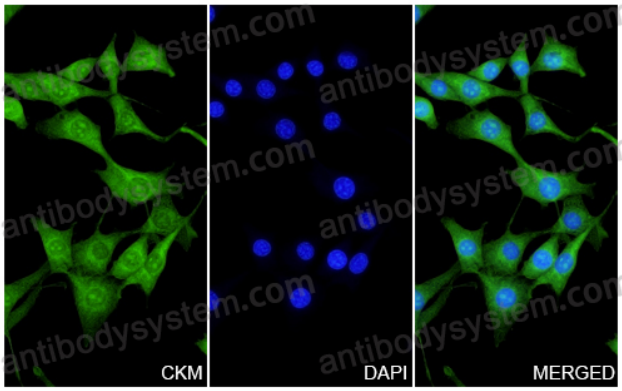
Western blot

Various lysates were subjected to SDS PAGE followed by western blot with CKM antibody (PHC21101) at 0.5µg/ml.

Lane 1: Mouse heart lysate
Lane 2: Mouse rectus abdominis muscle lysate
Lane 3: Rat heart lysate
Lane 4: Rat cerebrum lysate
Lane 5: Rat skeletal muscle lysate

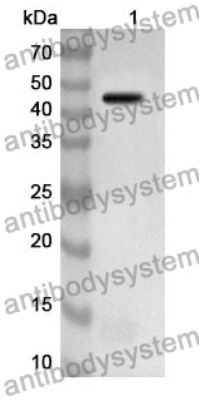
Second Ab: Goat Anti-Rabbit IgG H&L Polyclonal antibody, HRP (PTB96431) at 0.1 µg/mL.

Predict MW: 44 kDa
Observed MW: 44 kDa



Immunocytochemistry/ Immunofluorescence

CKM in NIH3T3 Cell Line.
The NIH3T3 cells were fixed with 4% paraformaldehyde (20 min), and then blocked with 5% goat serum for 1h. And the cells were incubated for 2h at 37°C with CKM (PHC21101) at 10 µg/ml. The section was then incubated with Goat Anti-Rabbit IgG (Alexa Fluor-488) preabsorbed at 1/100 dilution (Shown in green) for 1 hour at room temperature.Nuclear DNA was labelled with DAPI (shown in blue).



Western Blot

Recombinant Protein lysates were subjected to SDS PAGE followed by western blot with CKM antibody (PHC21101) at 1 µg/ml.

Lane 1: Recombinant Protein

Second Ab: Goat Anti-Rabbit IgG H&L Polyclonal antibody, HRP (PTB96431) at 0.1 µg/mL.

Predict MW: 45 kDa
Observed MW: 45 kDa