

Product Datasheet

Creatine kinase MT 1B Antibody - Azide and BSA Free NBP3-05655-100ul

Unit Size: 100 ul

Store at -20C. Avoid freeze-thaw cycles.

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NBP3-05655-100ul

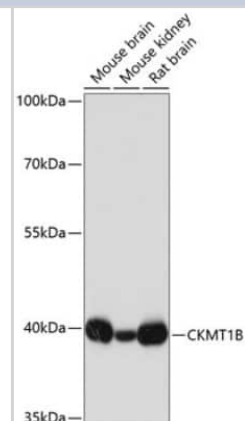
Creatine kinase MT 1B Antibody - Azide and BSA Free

Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Thimerosal
Isotype	IgG
Purity	Affinity purified
Buffer	PBS with 50% glycerol, pH7.3.
Product Description	
Host	Rabbit
Gene ID	1159
Gene Symbol	CKMT1B
Species	Human, Mouse, Rat
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-85 of human Creatine kinase MT 1B (NP_066270.1). MAGPFSRLLSARPGLRLLALAGAGSLAAGFLLRPEPVRAASERRRLYPPSAEY PDLRKHNNCMASHLTPAVYARLCDKTTPTGWT
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500 - 1:2000, Immunocytochemistry/ Immunofluorescence 1:50 - 1:100, Immunoprecipitation 1:500 - 1:1000

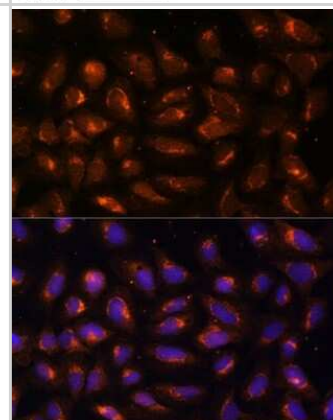


Images

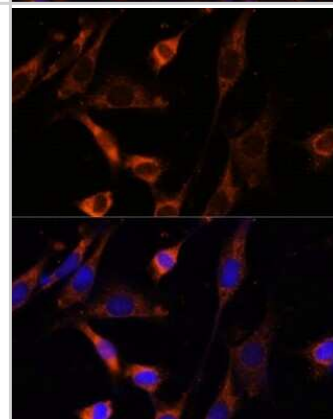
Western Blot: Creatine kinase MT 1B Antibody [NBP3-05655] - Analysis of extracts of various cell lines, using Creatine kinase MT 1B antibody (NBP3-05655) at 1:3000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 3s.



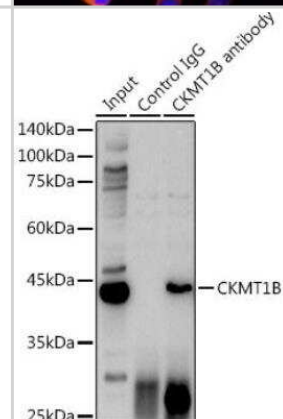
Immunocytochemistry/Immunofluorescence: Creatine kinase MT 1B Antibody [NBP3-05655] - Immunofluorescence analysis of U-2 OS cells using Creatine kinase MT 1B Polyclonal Antibody (NBP3-05655) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunocytochemistry/Immunofluorescence: Creatine kinase MT 1B Antibody [NBP3-05655] - Immunofluorescence analysis of NIH-3T3 cells using Creatine kinase MT 1B Polyclonal Antibody (NBP3-05655) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunoprecipitation: Creatine kinase MT 1B Antibody [NBP3-05655] - Analysis of 600ug extracts of Mouse brain cells using 3ug CKMT1B antibody. Western blot was performed from the immunoprecipitate using CKMT1B antibody at a dilution of 1:1000.



Publications

Ht Hall C, Lanis JM, Dowdell AS et al. Fundamental role for the creatine kinase pathway in protection from murine colitis Mucosal immunology 2023-09-14 [PMID: 37716510] (WB, Mouse)



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Products Related to NBP3-05655-100ul

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP1-98939-100ug	Recombinant Human Creatine kinase MT 1B His Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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