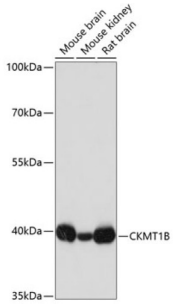
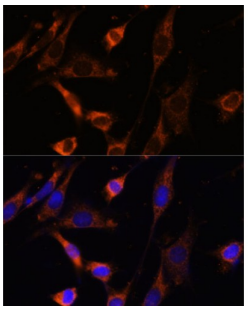
Creatine Kinase, Mitochondrial 1B (CKMT1B) Antibody

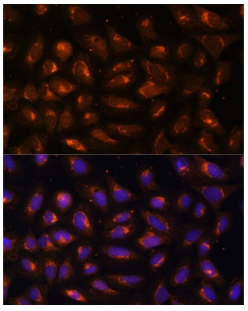
Catalogue No.:abx123063



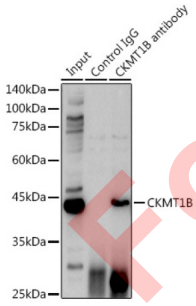
Western blot analysis of various lysates using CKMT1B Antibody at 1/3000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1/10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Exposure time: 3s.



Immunofluorescence analysis of NIH-3T3 cells using CKMT1B Antibody at dilution of 1/100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1/500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of U-2 OS cells using CKMT1B Antibody at dilution of 1/100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1/500 dilution. Blue: DAPI for nuclear staining.



Immunoprecipitation analysis of 600 µg extracts of Mouse brain cells using 3 µg CKMT1B antibody. Western blot was performed from the immunoprecipitate using CKMT1B antibody at a dilution of 1/1000.

CKMT1B Antibody is a Rabbit Polyclonal Antibody against CKMT1B.

Target:	Creatine Kinase, Mitochondrial 1B (CKMT1B)
Clonality:	Polyclonal
Reactivity:	Human, Mouse, Rat

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Tested Applications:	ELISA, WB, IF/ICC, IP
Host:	Rabbit
Recommended dilutions:	ELISA: 1 µg/ml, WB: 1/500 - 1/2000, IF/ICC: 1/50 - 1/100, IP: 0.5 µg - 4 µg antibody per 400 µg - 600 µg extracts of whole cells. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Recombinant protein corresponding to CKMT1B. The exact sequence is proprietary.
Isotype:	IgG
Form:	Liquid
Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P12532 (UniProt, ExPASy)
Gene Symbol:	CKMT1B
GeneID:	1159
OMIM:	123290
NCBI Accession:	NP_066270.1
HGNC:	31736
KEGG:	hsa:1159
Ensembl:	ENSG00000237289
String:	9606.ENSP00000406577
Molecular Weight:	Calculated MW: 47 kDa Observed MW: 42 kDa
Buffer:	PBS, pH 7.3, containing 0.01% thimerosal, 50% glycerol.
Concentration:	> 0.2 mg/ml

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