

CKMT1B Antibody

CAB3046

Description

This CKMT1B Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU: CAB3046
Contents: 20 μ L, 100 μ L
Bradford Reagent: 1 vial (2ml)
Category: Polyclonal Antibody
Synonyms: CKMT, CKMT1, UMTCK, CKMT1B
Clone: -
Applications: **WB** **IF/ICC** **IP** **ELISA**
Conjugation: Unconjugated
Reactivity: Human, Mouse, Rat

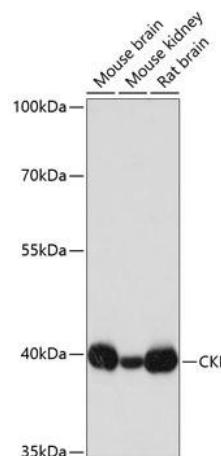
Antibody Data

Gene ID: 1159
Uniprot: AB_2764850
Host Species: Rabbit
Purification: Affinity purification
Observed MW: 42kDa
Calculated MW: 47kDa

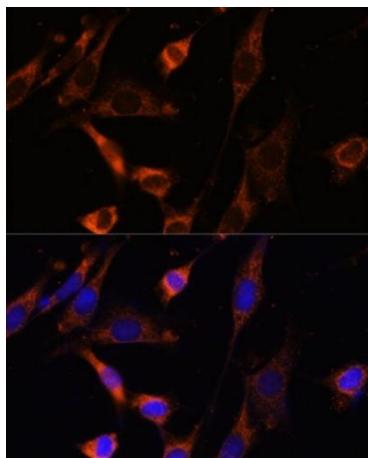
Preparation & Storage

Storage:	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3.								
	Store Bradford Reagent at Room Temperature for 1 Year.								
Positive Sample:	Mouse brain, Mouse kidney, Rat brain								
Recommended Dilutions:	<table border="1"> <tr> <td>WB</td><td>1:500 - 1:2000</td></tr> <tr> <td>IF/ICC</td><td>1:50 - 1:100</td></tr> <tr> <td>IP</td><td>0.5µg-4µg antibody for 400µg-600µg extracts of whole cells</td></tr> <tr> <td>ELISA</td><td>Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.</td></tr> </table>	WB	1:500 - 1:2000	IF/ICC	1:50 - 1:100	IP	0.5µg-4µg antibody for 400µg-600µg extracts of whole cells	ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
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Protein Quantification (Optional):	To quantify total protein levels, use the Bradford Reagent included in this kit. Visit https://www.assaygenie.com/bradford-protein-assay-protocol/ to view the full protocol								

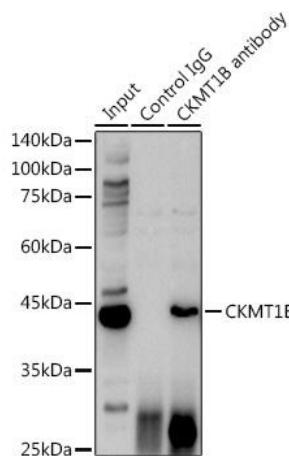
Validation Data



Western blot analysis of various lysates using CKMT1B Rabbit pAb (CAB3046) at 1:3000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 3s.



Immunofluorescence analysis of NIH-3T3 cells using CKMT1B Rabbit pAb (CAB3046) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (CABS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunoprecipitation analysis of 600 µg extracts of Mouse brain cells using 3 µg CKMT1B antibody (CAB3046). Western blot was performed from the immunoprecipitate using CKMT1B antibody (CAB3046) at a dilution of 1:1000.