

## Anti-CKMT1A antibody (258-417) (STJ23147)

### GENERAL INFORMATION

|               |                    |
|---------------|--------------------|
| Product Type  | Primary antibodies |
| Applications  | WB/ELISA           |
| Host / Source | Rabbit             |
| Reactivity    | Human/Mouse/Rat    |

### PRODUCT PROPERTIES

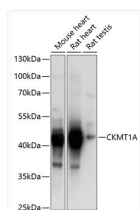
|                     |                                                                                                                                                      |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| Clonality           | Polyclonal                                                                                                                                           |
| Concentration       | Lot specific                                                                                                                                         |
| Conjugation         | Unconjugated                                                                                                                                         |
| Purification        | Affinity purification                                                                                                                                |
| Dilution Range      | WB:1:500-1:2000<br>ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements. |
| Formulation         | PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.                                                                                                   |
| Isotype             | IgG                                                                                                                                                  |
| Molecular Weight    | Protein Mw: 47kDa<br>Observed Mw: 47kDa                                                                                                              |
| Storage Instruction | Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.                                                       |

### TARGET INFORMATION

|                    |                                                                                                                                                                               |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene ID            | <a href="#">1159/548596</a>                                                                                                                                                   |
| Gene Symbol        | <a href="#">CKMT1A,CKMT1B</a>                                                                                                                                                 |
| UniProt ID         | <a href="#">KCRU_HUMAN</a>                                                                                                                                                    |
| Immunogen Region   | 258-417                                                                                                                                                                       |
| Immunogen Sequence | FLIWVNEEDHTRVISMKEGG NMKRVFERFCRGLKEVERLI QERGWEFMWNERLG YILTCP<br>SNLGTGLRAGVHIKPLLSK DSRFPKILENLR LQKRG TGG VDTAATGGVFDISNLDRLGK<br>SEVELVQLVIDGVNYLIDCE RRLERQDIRIPTPVHTKH |
| Specificity        | Recombinant fusion protein containing a sequence corresponding to amino acids 258-417 of human CKMT1A (NP_001015001.1).                                                       |

### ADDITIONAL INFORMATION

Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Western blot analysis of extracts of various cell lines, using CKMT1A Antibody (STJ23147) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1s.