

Polyclonal Antibody to Cationic Amino Acid Transporter 1 (CAT1)

Catalog No: FY-AB47927

Organism Species: Mus musculus (Mouse)

Application: WB; IHC; ICC; IP.

Alternative Names: SLC7A1; HCAT1; ATRC1; ERR; Solute Carrier Family 7 Member 1, Cationic Amino Acid Transporter, y+ Ecotropic Retroviral Receptor; High Affinity Cationic Amino Acid Transporter 1

PROPERTIES

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| Source | Polyclonal antibody preparation |
| Host species | Rabbit |
| Cross Reactivity | - |
| Purification | Antigen-specific + Protein A affinity chromatography |
| Research Area | Signal transduction; |
| Appearance | Liquid |
| Size | 200μl;500μg/mL |
| Formulation | PBS, pH7.4, containing 0.02% NaN ₃ , 50% glycerol. |
| Immunogen | - |
| Application | Western blotting: 0.2-2μg/mL,1:250-2500 |
| | Immunohistochemistry: 5-20μg/mL,1:25-100 |
| | Immunocytochemistry: 5-20μg/mL,1:25-100 |
| Storage instructions | Stable for 12 months. at -20°C from date of shipment. Aliquot to avoid repeated freezing and thawing. Store at 2-8°C for frequent use. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. |
| Stability Test | The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition. |

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