

## Polyclonal Antibody to Cationic Amino Acid Transporter 1 (CAT1)

**Catalog No:** FY-AB47926

**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

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 <sub>3</sub> , 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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