

xCT (PT0398R) PT™ Rabbit mAb

CatalogNo: YM8243 **Recombinant** 

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB, IHC, IF, IP, ELISA

MW

- 55kD (Calculated)
37kD (Observed)

Isotype

- IgG, Kappa

Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)**Formulation** PBS, 50% glycerol, 0.05% Proclin 300, 0.05% BSA

Recommended Dilution Ratios

IHC 1:200-1:1000**WB 1:1000-1:5000****IF 1:200-1:1000****ELISA 1:5000-1:20000****IP 1:50-1:200,**

Basic Information

Clonality Monoclonal**Clone Number** PT0398R

Immunogen Information

Specificity Endogenous

| Target Information

Gene name SLC7A11

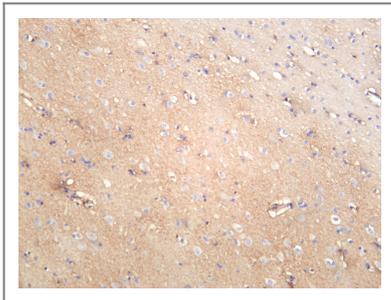
Protein Name Cystine/glutamate transporter (Amino acid transport system xc-) (Calcium channel blocker resistance protein CCBR1) (Solute carrier family 7 member 11) (xCT)

Organism	Gene ID	UniProt ID
Human	23657 ;	Q9UPY5 ;
Mouse	26570 ;	Q9WTR6 ;

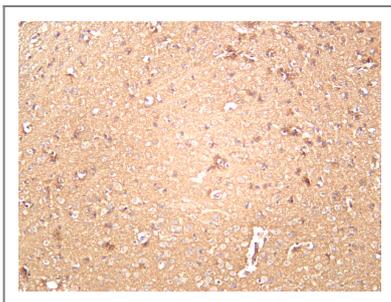
Cellular Localization Membrane

Function Sodium-independent, high-affinity exchange of anionic amino acids with high specificity for anionic form of cystine and glutamate.

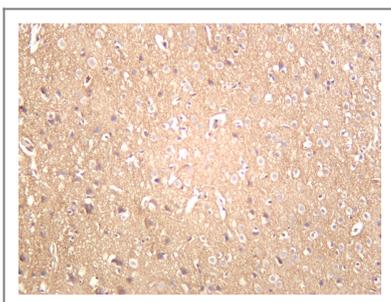
| Validation Data



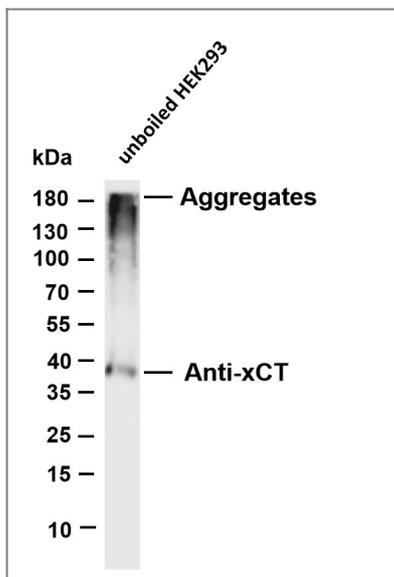
Human brain was stained with anti-xCT rabbit antibody



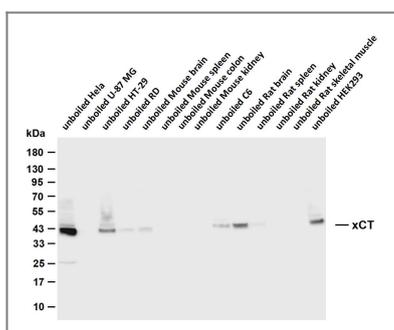
Mouse brain was stained with anti-xCT rabbit antibody



Rat brain was stained with anti-xCT rabbit antibody



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-Anti-xCT antibody. The HRP-conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody. Lane 1: unboiled HEK293 Predicted band size: 55kDa Observed band size: 37kDa



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-xCT (PT0398R) antibody. The HRP-conjugated Goat anti-Rabbit IgG (H + L) antibody was used to detect the antibody. Lane 1: unboiled Hela Lane 2: unboiled U-87 MG Lane 3: unboiled HT-29 Lane 4: unboiled RD Lane 5: unboiled Mouse brain Lane 6: unboiled Mouse spleen Lane 7: unboiled Mouse colon Lane 8: unboiled Mouse kidney Lane 9: unboiled C6 Lane 10: unboiled Rat brain Lane 11: unboiled Rat spleen Lane 12: unboiled Rat kidney Lane 13: unboiled Rat skeletal muscle Lane 14: unboiled HEK293 Predicted band size: 55kDa Observed band size: 43kDa

Contact information

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Please scan the QR code to access additional product information:
xCT (PT0398R) PT™
Rabbit mAb

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