

## xCT (PT0398R) PT<sup>®</sup> 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

### 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,

### 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

### Basic Information

**Clonality** Monoclonal

**Clone Number** PT0398R

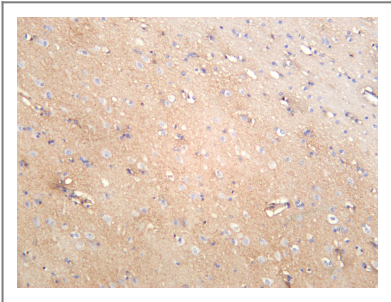
### Immunogen Information

**Specificity** Endogenous

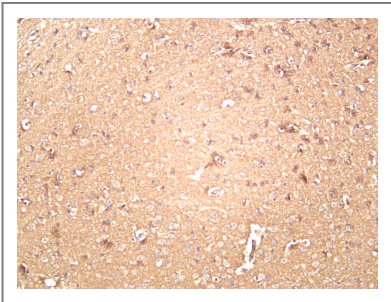
## | Target Information

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	<a href="#">23657</a> ;	<a href="#">Q9UPY5</a> ;
	Mouse	<a href="#">26570</a> ;	<a href="#">Q9WTR6</a> ;
Cellular Localization	Membrane		
Function	Sodium-independent, high-affinity exchange of anionic amino acids with high specificity for anionic form of cystine and glutamate.		

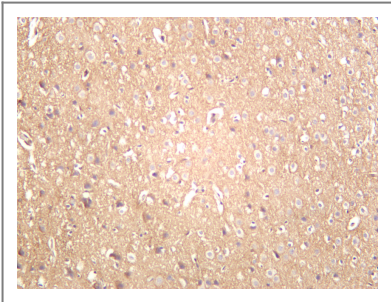
## | Validation Data



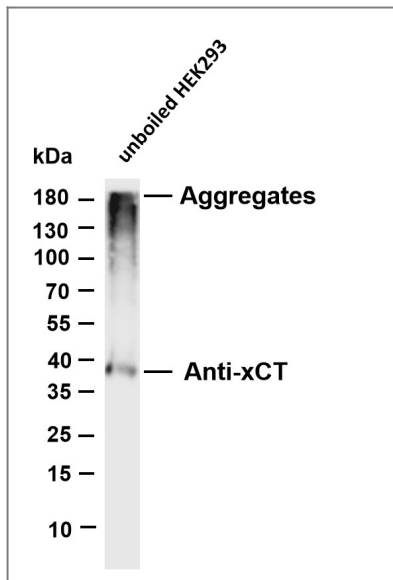
Human brain was stained with anti-xCT rabbit antibody



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

## 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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