



xCT (ANT0098R) Rabbit mAb

CatalogNo: ANT8243 **Recombinant** 

Formulation: PBS,50%glycerol,0.05%Proclin 300,0.05%BSA
Quantity : 100 ug/vial

Host Species

- Rabbit
- Human,Mouse,Rat,

Reactivity

- WB,IHC,IF,IP,ELISA

Applications

MW

- 37kD (Calculated)
- 55kD (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)

Basic Information

Clonality Monoclonal

Clone Number ANT0098R

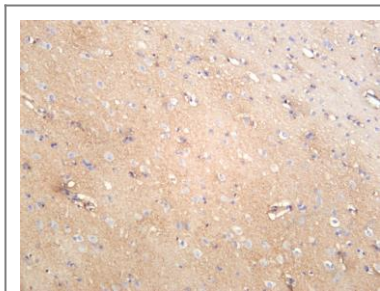
Target Information

Endogenous

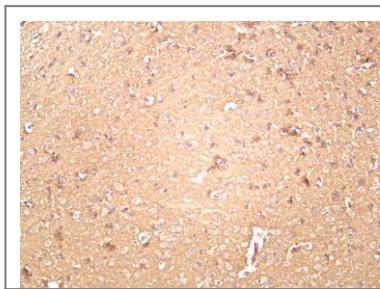
Gene name	SLC7A11		
Protein Name	Cystine/glutamate transporter (Amino acid transport system xc-) (Calcium channel blocker resistance protein CCBR1) (Solute carrier family 7 member 11) (xCT)		
	Organism	Gene ID	UniProt ID
	Human	23657 ;	Q9UPY5 ;
	Mouse	26570 ;	Q9WTR6 ;
Cellular Localization	Membrane		
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 (ANT0098R) rabbit antibody

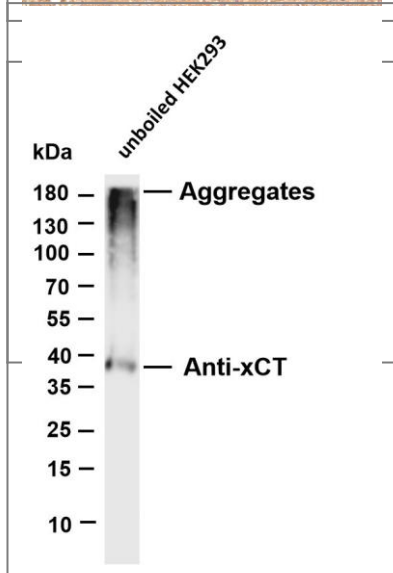


Mouse brain was stained with anti-xCT (ANT0098R) rabbit antibody



Rat brain was stained with anti-xCT (ANT0098R) rabbit antibody

Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-Anti-xCT (ANT0098R) antibody. The HRPconjugated 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



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