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## anti-SLC1A7 antibody (2nd Extracellular Loop)



Image



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Quantity:	25 μL
Target:	SLC1A7
Binding Specificity:	2nd Extracellular Loop, AA 122-134
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC1A7 antibody is un-conjugated
Application:	Western Blotting (WB)
Product Details	
Immunogen:	Immunogen: Synthetic peptide Immunogen Sequence: (C)KETTEQSGKPVMS, corresponding to amino acid residues 122-134 of mouse EAAT5
Isotype:	IgG
Characteristics:	Anti-SLC1A7 (extracellular) Antibody (ABIN7043664, ABIN7044359 and ABIN7044360)) is a highly selective antibody directed against an epitope of mouse Excitatory amino acid transporter 5. The antibody can be used in western blot analysis. The antibody recognizes an extracellular epitope, and can potentially be used for detecting the protein in living cells. It has been designed to recognize EAAT5 from mouse, human, and rat samples.
Purification:	Affinity purified on immobilized antigen.

### **Target Details**

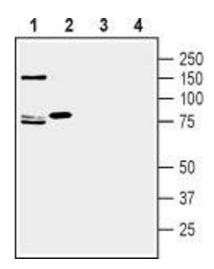
Target:	SLC1A7	
Alternative Name:	SLC1A7 (SLC1A7 Products)	
Background:	Alternative names: SLC1A7, Excitatory amino acid transporter 5, EAAT5, Retinal glutamate transporter	
Gene ID:	242607	
NCBI Accession:	NM_006671	
UniProt:	Q8JZR4	
Pathways:	Dicarboxylic Acid Transport	

## Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

### Handling

Format:	Lyophilized
Reconstitution:	$25~\mu\text{L},50~\mu\text{L}$ or 0.2 mL double distilled water (DDW), depending on the sample size.
Concentration:	0.8 mg/mL
Buffer:	Reconstituted antibody contains phosphate buffered saline (PBS), pH 7.4, 1 % BSA, 0.05 % Sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	RT,4 °C,-20 °C
Storage Comment:	Storage before reconstitution: The antibody ships as a lyophilized powder at room temperature.  Upon arrival, it should be stored at -20°C.  Storage after reconstitution: The reconstituted solution can be stored at 4°C for up to 1 week.  For longer periods, small aliquots should be stored at -20°C. Avoid multiple freezing and thawing. Centrifuge all antibody preparations before use (10000 x g 5 min).



#### **Western Blotting**

**Image 1.** Western blot analysis of rat (lanes 1 and 3) and mouse (lanes 2 and 4) brain lysate: - 1,2. Anti-SLC1A7 (extracellular) Antibody (ABIN7043664, ABIN7044359 and ABIN7044360), (1:200).3,4. Anti-SLC1A7 (extracellular) Antibody, preincubated with SLC1A7 (extracellular) Blocking Peptide (#BLP-GC025).