

Anti-CD98/SLC3A2 antibody



Catalog Number: 103979

Product name

Anti-CD98/SLC3A2 antibody

Immunogen

[Mouse CD98/SLC3A2 \(His Tag\) recombinant protein](#)

Specificity

Mouse SLC3A2

Antibody description

Rabbit polyclonal to CD98/SLC3A2

Preparation

Produced in rabbits immunized with purified, recombinant Mouse SLC3A2 (rM SLC3A2; NP_001154885.1; Ala 139-Ala 565). SLC3A2 specific IgG was purified by Mouse SLC3A2 affinity chromatography.

Formulation

0.2 µm filtered solution in PBS with 5% trehalose

Storage

This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C.

Preservative-Free.

Sodium azide is recommended to avoid contamination (final concentration 0.05%-0.1%). It is toxic to cells and should be disposed of properly. Avoid repeated freeze-thaw cycles.

Clonality

Polyclonal

Ig Type

Rabbit IgG

Applications

ELISA, WB, IHC-P

Dilutions

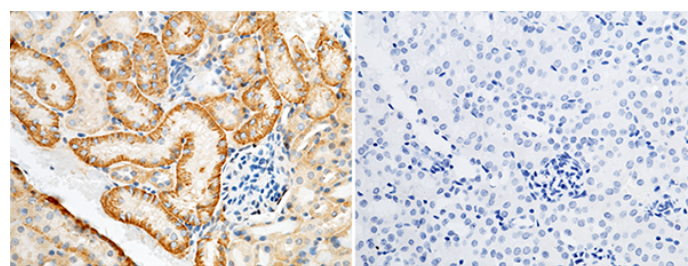
WB: 20-30 µg/ml

ELISA: 0.1-0.2 µg/mL

This antibody can be used at 0.1-0.2 µg/mL with the appropriate secondary reagents to detect Mouse SLC3A2. The detection limit for Mouse SLC3A2 is approximately 0.00975 ng/well.

IHC-P: 0.5-3 µg/mL

Validations



mSLC3A2 Antibody	+	+
mSLC3A2 Antigen	-	+

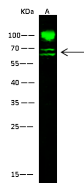
SLC3A2 / CD98 Antibody, Rabbit PAb, Antigen Affinity Purified, Immunohistochemistry

Immunochemical staining of mouse SLC3A2 in mouse kidney with rabbit polyclonal antibody (2 µg/mL, formalin-fixed paraffin embedded sections). Positive staining was localized to nephric tubule. The left panel: tissue incubated with primary antibody; The right panel: tissue incubated with the mixture of primary antibody and antigen (recombinant protein).

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SLC3A2 / CD98 Antibody, Rabbit PAb, Antigen Affinity Purified, Western blot

Lanes	
Items	A
Sample (Membrane lysate)	K562
Sample Volume (µg/lane)	20
Gel	13% SDS-PAGE reducing gel
Recommended Concentration	20-30 µg/ml
Secondary Antibody	Dylight 800-labeled Antibody to Rabbit IgG (H+L), at 1:5000 dilution
Developed using Odyssey imaging system	
Explanation	Predicted band size : 68 kDa Observed band size : 68 kDa Additional bands at : 100 kDa (We are unsure as to the identity of these extra bands. They are possible non-specific bindings).