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CD98/SLC3A2 Rabbit mAb

Catalog No.: A28528   **Recombinant**

Basic Information

Observed MW
75-130 kDa

Calculated MW
58-71 kDa

Category
Primary antibody

Applications
WB,IF-P,IHC-P,ELISA

Cross-Reactivity
Human, Mouse, Rat

CloneNo number
ARC79433

Background

This gene is a member of the solute carrier family and encodes a cell surface, transmembrane protein. The protein exists as the heavy chain of a heterodimer, covalently bound through di-sulfide bonds to one of several possible light chains. The encoded transporter plays a role in regulation of intracellular calcium levels and transports L-type amino acids. Alternatively spliced transcript variants, encoding different isoforms, have been characterized.

Recommended Dilutions

WB	1:2000-1:5000
IF-P	1:200-1:400
IHC-P	1:5000-1:20000
ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements. For high-ratio antibody dilutions (≥1:10000)a sequential dilution method is strongly recommended to ensure measurement accuracy.

Immunogen Information

Gene ID
6520

Swiss Prot
P08195

Immunogen
Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms
4F2; CD98; MDU1; 4F2HC; 4T2HC; NACAE; CD98HC

Product Information

Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.09% Sodium azide,0.05% BSA,50% glycerol,pH7.3.
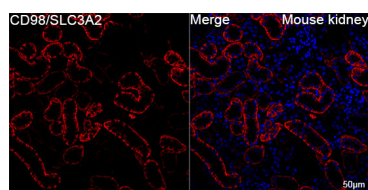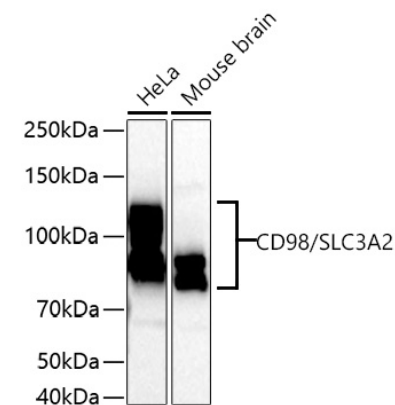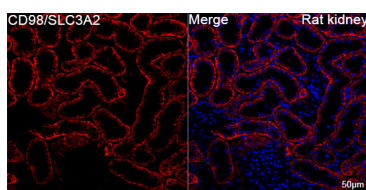
Contact

☎ | 400-999-6126

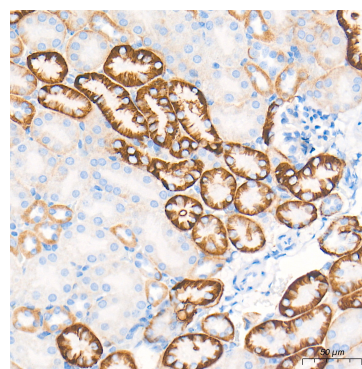✉ | cn.market@abclonal.com.cn

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Western blot analysis of various lysates using CD98/SLC3A2 Rabbit mAb (A28528) at 1:5000 dilution incubated overnight at 4℃.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
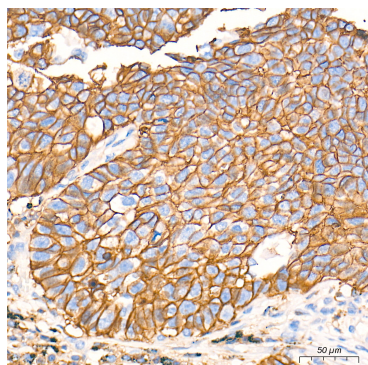Exposure time: 45 s.

Confocal imaging of paraffin-embedded Mouse kidney tissue using CD98/SLC3A2 Rabbit mAb (A28528, dilution 1:200) followed by a further incubation with Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IF staining. Objective: 40x.
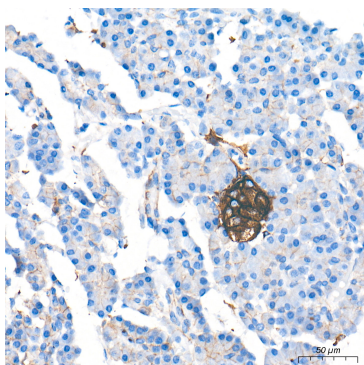
Confocal imaging of paraffin-embedded Rat kidney tissue using CD98/SLC3A2 Rabbit mAb (A28528, dilution 1:200) followed by a further incubation with Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IF staining. Objective: 40x.
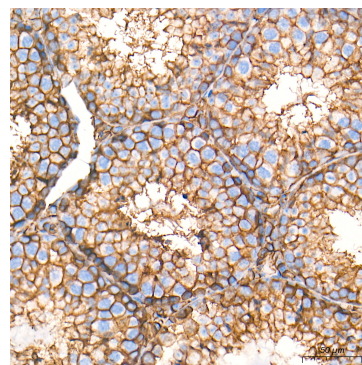
Immunohistochemistry analysis of paraffin-embedded Mouse kidney tissue using CD98/SLC3A2 Rabbit mAb (A28528) at a dilution of 1:10000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.

Immunohistochemistry analysis of paraffin-embedded Human lung cancer tissue using CD98/SLC3A2 Rabbit mAb (A28528) at a dilution of 1:10000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.
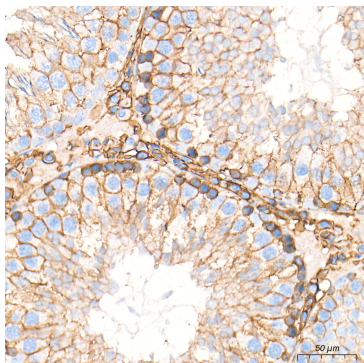
Immunohistochemistry analysis of paraffin-embedded Mouse pancreas tissue using CD98/SLC3A2 Rabbit mAb (A28528) at a dilution of 1:10000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.

Immunohistochemistry analysis of paraffin-embedded Mouse testis tissue using CD98/SLC3A2 Rabbit mAb (A28528) at a dilution of 1:10000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.

Immunohistochemistry analysis of paraffin-embedded Rat testis tissue using CD98/SLC3A2 Rabbit mAb (A28528) at a dilution of 1:10000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.