## bs-6659R

## [ Primary Antibody ]

CD98 Rabbit pAb

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DATASHEET -

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

GeneID: 6520 **SWISS:** P08195

Target: CD98

**Immunogen:** KLH conjugated synthetic peptide derived from human CD98:

231-280/630. < Extracellular >

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50%

Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated

freeze/thaw cycles.

**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.

[provided by RefSeq, Nov 2010].

Applications: IHC-P (1:100-500)

IHC-F (1:100-500) **IF** (1:100-500) **ELISA** (1:5000-10000)

Reactivity: (predicted: Human, Mouse,

Rat, Rabbit, Pig, GuineaPig)

Predicted 69 kDa

**Subcellular Location:** Cell membrane ,Cytoplasm

## - SELECTED CITATIONS -

- [IF=5.85] Hutterer, Markus, et al. "Epileptic activity increases cerebral amino acid transport assessed by [18F]fluoroethyl-L-tyrosine amino acid PET-a potential brain tumor mimic." Journal of Nuclear Medicine (2016): jnumed-116. IHC; Human. 27469356
- [IF=6.4] Lin Yen-Ju. et al. Targeting SLC7A5 in lung squamous cell carcinoma: implications for cancer metabolism shift and boron neutron capture therapy resistance. ONCOGENESIS. 2025 Jul;14(1):1-13 WB; Human. 40701982
- [IF=3.23] Qiu, Kai, et al. "Protein Restriction with Amino Acid-Balanced Diets Shrinks Circulating Pool Size of Amino Acid by Decreasing Expression of Specific Transporters in the Small Intestine." PloS one 11.9 (2016): e0162475. WB; Pig. 27611307
- [IF=2.4] ZhaYang Xiao-Zhi. et al. Integrating bioinformatics and machine learning to identify biomarkers of branched chain amino acid related genes in osteoarthritis. BMC MUSCULOSKEL DIS. 2025 Dec;26(1):1-16 IHC; Human. 40420260