

bs-6659R**[Primary Antibody]**

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CD98 Rabbit pAb**— DATASHEET —**

Host: Rabbit	Isotype: IgG	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 MW.: 69 kDa Subcellular Location: Cell membrane ,Cytoplasm
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].		

— 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=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