
CD98 Rabbit pAb

Catalog Number: bs-6659R

Target Protein: CD98

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

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: Cell membrane ,Cytoplasm

Locations:

Entrez Gene: 6520

Swiss Prot: P08195

Source: KLH conjugated synthetic peptide derived from human CD98: 231-280/630.

Purification: affinity purified by Protein A

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].

PRODUCT SPECIFIC PUBLICATIONS

[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