

CD98LC Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 252179

Unit: 0.1 mg

Description:

CD98LC is a sodium-independent, high-affinity transporter of large neutral amino acids such as phenylalanine, tyrosine, leucine, arginine, and tryptophan. CD98LC is involved in cellular amino acid uptake and acts as an amino acid exchanger. CD98LC is involved in the transport of L-DOPA across the blood-brain barrier, and thyroid hormones triiodothyronine (T3) and thyroxine (T4) across the cell membrane in tissues such as placenta. This transporter also plays a role in neuronal cell proliferation (neurogenesis) in the brain.

Isotype: Rabbit Ig

Applications: E, IHC, WB

Species Reactivity: H, M, R

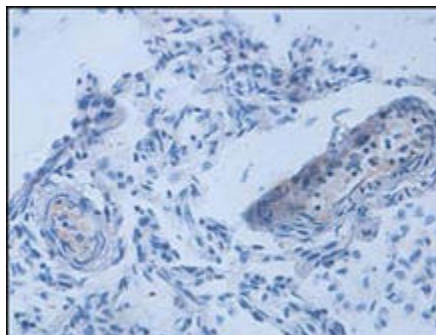
Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4, 0.5 % BSA with 0.09% sodium azide. Antibody was purified by immunogen-affinity chromatography.

Alternate Names: Large neutral amino acids transporter small subunit 1; L-type amino acid transporter 1; Solute carrier family 7 member 5; y⁺ system cationic amino acid transporter; 4F2 light chain; 4F2 LC; 4F2LC; CD98 light chain; Integral membrane protein E16; hLAT1; SLC7A5; CD98LC; LAT1; MPE16

Accession No.: Q01650

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within human CD98LC.

Application Notes: E: 1:1,000-1:50,000; WB: 1:100-1:500; IHC: 1:100-1:500



CD98LC staining in human lung. Paraffin-embedded human lung is stained with CD98LC Antibody (Cat. No. 252179) used at 1:100 dilution.

Storage: Store at -20°C. Minimize freeze-thaw cycles. Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.