



Anti- Slc7a11 (Cystine/glutamate transporter) Polyclonal Antibody

Category: Polyclonal Antibody

Catalog#: AB1G194

Antigen Synonym: Amino acid transport system xc- (xCT)

Species Reactivity: Mouse, rat

Immunogen/Specificity:

Polyclonal antibody produced in rabbits immunizing with a synthetic peptide corresponding to N-terminal residues of mouse Slc7a11 (Cystine/glutamate transporter)

Description: Slc7a11 (Cystine/glutamate transporter) is a sodium-independent, high-affinity exchange of anionic amino acids with high specificity for anionic form of cystine and glutamate. Slc7a11 is disulfide-linked heterodimer with the amino acid transport protein SLC3A2/4F2hc. Slc7a11 is a multi-pass membrane protein and belongs to the amino acid-polyamine-organocation (APC) superfamily and L-type amino acid transporter (LAT) (TC 2.A.3.8) family.

Reference:

Sato,H., et al, J. Biol. Chem. 274 (17), 11455-11458 (1999)
Sasaki,H., et al, J. Biol. Chem. 277 (47), 44765-44771 (2002)
Trost,M., et al, Immunity 30 (1), 143-154 (2009)

For Research Use Only

Contact: Antagene, Inc. | Tel: 1 (866) 964-2589 | Fax: 1 (888) 225-1868 | Email: Info@antageneinc.com