Datasheet for ABIN967037

anti-SLC7A11 antibody (N-Term)

2 Publications

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Overview

Quantity:	0.1 mg
Target:	SLC7A11
Binding Specificity:	N-Term
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC7A11 antibody is un-conjugated
Application:	Immunohistochemistry (IHC)

Product Details

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

Target Details

Target:	SLC7A11
Alternative Name:	Slc7a11 (SLC7A11 Products)
Background:	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.

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Target Details

Synonyms: Amino acid transport system xc- (xCT)

Application Details

Restrictions: For Research Use only

Handling

Storage: 4 °C

Publications

Product cited in:

Cariappa, Tang, Parng, Nebelitskiy, Carroll, Georgopoulos, Pillai: "The follicular versus marginal zone B lymphocyte cell fate decision is regulated by Aiolos, Btk, and CD21." in: **Immunity**, Vol. 14, Issue 5, pp. 603-15, (2001) (PubMed).

Gommerman, Oh, Zhou, Tedder, Maurer, Galli, Carroll: "A role for CD21/CD35 and CD19 in responses to acute septic peritonitis: a potential mechanism for mast cell activation." in: **Journal of immunology (Baltimore, Md. : 1950)**, Vol. 165, Issue 12, pp. 6915-21, (2000) (PubMed).

Oliver, Martin, Kearney: "IgMhighCD21high lymphocytes enriched in the splenic marginal zone generate effector cells more rapidly than the bulk of follicular B cells." in: **Journal of immunology (Baltimore, Md. : 1950)**, Vol. 162, Issue 12, pp. 7198-207, (1999) (PubMed).

Fischer, Goerg, Shen, Prodeus, Goodnow, Kelsoe, Carroll: "Dependence of germinal center B cells on expression of CD21/CD35 for survival." in: **Science (New York, N.Y.)**, Vol. 280, Issue 5363, pp. 582-5, (1998) (PubMed).

Oliver, Martin, Gartland, Carter, Kearney: "Marginal zone B cells exhibit unique activation, proliferative and immunoglobulin secretory responses." in: **European journal of immunology**, Vol. 27, Issue 9, pp. 2366-74, (1997) (PubMed).

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