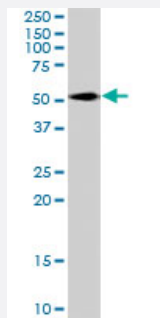


SLC7A11 polyclonal antibody

Catalog # PAB7138 Size 100 ug

Applications



Western Blot (Tissue lysate)

SLC7A11 polyclonal antibody (Cat # PAB7138) (0.02 ug/mL) staining of human spleen lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of SLC7A11.
Immunogen	A synthetic peptide corresponding to internal region of human SLC7A11.
Sequence	C-KGQTQNFKDAFSGRD
Host	Goat
Theoretical MW (kDa)	55.4
Reactivity	Human, Rat
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Recommend Usage	ELISA (1:128000) Western Blot (0.02-0.06 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)

Storage Instruction

Store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

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- Enzyme-linked Immunoabsorbent Assay

Gene Info — SLC7A11

Entrez GeneID[23657](#)**Protein Accession#**[NP_055146.1](#)**Gene Name**

SLC7A11

Gene Alias

CCBR1, xCT

Gene Descriptionsolute carrier family 7, (cationic amino acid transporter, y⁺ system) member 11**Omim ID**[607933](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

SLC7A11 is a member of a heteromeric Na⁽⁺⁾-independent anionic amino acid transport system highly specific for cystine and glutamate. In this system, designated system Xc⁽⁻⁾, the anionic form of cystine is transported in exchange for glutamate.[supplied by OMIM]

Other Designations

cystine/glutamate transporter

Publication Reference

- [Kaposi's sarcoma-associated herpesvirus fusion-entry receptor: cystine transporter xCT.](#)

Kaleeba JA, Berger EA.

Science 2006 Mar; 311(5769):1921.

Disease

- [Cleft Lip](#)
- [Cleft Palate](#)
- [Tooth Abnormalities](#)