

## Slc7a11 polyclonal antibody

Catalog # PAB15950

Size 100 ug

### Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of Slc7a11.
Immunogen	A synthetic peptide corresponding to N-terminus of mouse Slc7a11.
Host	Rabbit
Reactivity	Mouse, Rat
Form	Liquid
Recommend Usage	ELISA (1:2000-1:5000) Western Blot (1 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (50% glycerol, 0.01% sodium azide)
Storage Instruction	Store at 4°C. For long term storage 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
- Enzyme-linked Immunoabsorbent Assay

### Gene Info — Slc7a11

Entrez GeneID [26570](#)

Gene Name Slc7a11

Gene Alias	9930009M05Rik, AI451155, sut, xCT
Gene Description	solute carrier family 7 (cationic amino acid transporter, y+ system), member 11
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	y+ system)
Other Designations	OTTMUSP00000023507 amino acid transport system xc- cystine/glutamate transporter cystine/glutamate transporter sodium independent anionic amino acid transport system

## Publication Reference

- [The phagosomal proteome in interferon-gamma-activated macrophages.](#)

Trost M, English L, Lemieux S, Courcelles M, Desjardins M, Thibault P.

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- [Electrophile response element-mediated induction of the cystine/glutamate exchange transporter gene expression.](#)

Sasaki H, Sato H, Kuriyama-Matsumura K, Sato K, Maebara K, Wang H, Tamba M, Itoh K, Yamamoto M, Bannai S.

The Journal of Biological Chemistry 2002 Nov; 277(47):44765.

- [Cloning and expression of a plasma membrane cystine/glutamate exchange transporter composed of two distinct proteins.](#)

Sato H, Tamba M, Ishii T, Bannai S.

The Journal of Biological Chemistry 1999 Apr; 274(17):11455.