

SLC7A11 polyclonal antibody (Biotin)

Catalog # PAB14931 Size 100 uL

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of SLC7A11.
Immunogen	A synthetic peptide corresponding to amino acids 1-50 of human SLC7A11.
Host	Rabbit
Reactivity	Human, Mouse
Specificity	This antibody reacts with the human and mouse proteins. Other species have not been tested. This is specific to XCT. By Western blot a band at ~55 KDa is seen. Immunoprecipitation is not recommended.
Form	Liquid
Conjugation	Biotin
Recommend Usage	Western Blot (1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS
Storage Instruction	Store at 4°C. Do not freeze.

Applications

- Western Blot
- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Gene Info — SLC7A11

Entrez GeneID [23657](#)

Gene Name	SLC7A11
Gene Alias	CCBR1, xCT
Gene Description	solute 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

Disease

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