

Datasheet for ABIN6148046  
**anti-SLC7A11 antibody (AA 150-250)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	100 µL
Target:	SLC7A11
Binding Specificity:	AA 150-250
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC7A11 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

## Product Details

Immunogen:	A synthetic peptide corresponding to a sequence within amino acids 150-250 of human SLC7A11/xCT (NP_055146.1).
Sequence:	ILEPFFIQCE IPELAIKLIT AVGITVVMVL NSMSVSW SAR IQIFLTFCKL TAILIIIVPG VMQLIKGQTQ NFKDAFSGRD SSITRLPLAF YGYMYAYAGW F
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

## Target Details

Target:	SLC7A11
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## Target Details

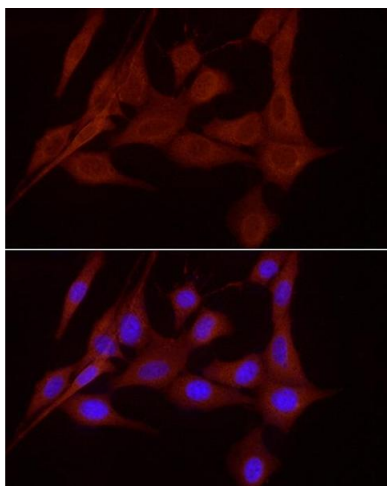
Alternative Name:	SLC7A11 ( <a href="#">SLC7A11 Products</a> )
Background:	<p>This gene encodes a member of a heteromeric, sodium-independent, anionic amino acid transport system that is highly specific for cysteine and glutamate. In this system, designated Xc(-), the anionic form of cysteine is transported in exchange for glutamate. This protein has been identified as the predominant mediator of Kaposi sarcoma-associated herpesvirus fusion and entry permissiveness into cells. Also, increased expression of this gene in primary gliomas (compared to normal brain tissue) was associated with increased glutamate secretion via the XCT channels, resulting in neuronal cell death.,SLC7A11,CCBR1,xCT,Cancer,Signal Transduction,Cell Biology &amp; Developmental Biology,Endocrine &amp; Metabolism,Amino acid metabolism,SLC7A11</p>
Molecular Weight:	55 kDa
Gene ID:	23657
UniProt:	<a href="#">Q9UPY5</a>

## Application Details

Application Notes:	WB,1:500 - 1:2000,IF,1:50 - 1:200
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



#### Immunofluorescence

**Image 1.** Immunofluorescence analysis of NIH/3T3 cells using SLC7/xCT Rabbit pAb (ABIN6134319, ABIN6148046, ABIN6148047 and ABIN6217771) at dilution of 1:200 (40x lens). Blue: DAPI for nuclear staining.