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# anti-SLC7A11 antibody (Internal Region)

10 Images



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## Overview

Quantity:	100 μg
Target:	SLC7A11
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This SLC7A11 antibody is un-conjugated
Application:	ELISA, Immunofluorescence (IF)

## **Product Details**

Purpose:	SLC7A11
Immunogen:	Peptide with sequence C-KGQTQNFKDAFSGRD, from the internal region of the protein sequence according to NP_055146.1.
Sequence:	KGQTQNFKDA FSGRD
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

## **Target Details**

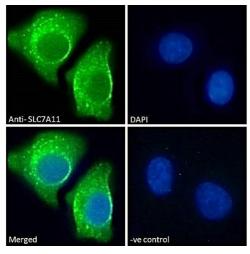
Target:	SLC7A11
Alternative Name:	SLC7A11 (SLC7A11 Products)
Background:	SLC7A11, solute carrier family 7, (cationic amino acid transporter, y+ system) member 11, CCBR1, xCT, cystine/glutamate transporter
Gene ID:	23657
NCBI Accession:	NP_055146

## **Application Details**

Application Notes:	Peptide ELISA: antibody detection limit dilution 1:32000.
Comment:	Immunofluorescence: Strong expression of the protein seen in vesicles of HepG2 cells and in
	vesicles/ER of A549 cells. Recommended concentration: 10µg/ml.
Restrictions:	For Research Use only

# Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

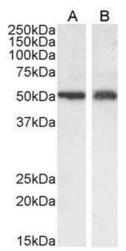


#### **Immunofluorescence**

Image 1. ABIN190899 Immunofluorescence analysis of paraformaldehyde fixed A549 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10 μg/mL) followed by Alexa Fluor 488 secondary antibody (2 μg/mL), showing vesicle/ER staining. The nuclear stain is DAPI (bl



**Image 2.** ABIN190899 (0.02μg/ml) staining of Human Spleen lysate (35μg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



## **Western Blotting**

**Image 3.** ABIN190899 (0.3 $\mu$ g/ml) staining of A549 (A) and U2OS (B) cell ysate (35 $\mu$ g protein in RIPA buffer). Detected by chemiluminescence. This data is from a previous batch, not on sale.

Please check the product details page for more images. Overall 10 images are available for ABIN190899.