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Datasheet for ABIN7466232  
**anti-SLC7A9 antibody (C-Term)**

### Overview

Quantity:	100 µL
Target:	SLC7A9
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC7A9 antibody is un-conjugated
Application:	Western Blotting (WB)

### Product Details

Immunogen:	Recombinant protein encompassing a sequence within the C-terminus region of human SLC7A9. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified by antigen-affinity chromatography.

### Target Details

Target:	SLC7A9
Alternative Name:	solute carrier family 7 member 9 ( <a href="#">SLC7A9 Products</a> )
Background:	Solute carrier family 7 member 9 , BAT1 , CSNU3, This gene encodes a protein that belongs to a

## Target Details

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family of light subunits of amino acid transporters. This protein plays a role in the high-affinity and sodium-independent transport of cystine and neutral and dibasic amino acids, and appears to function in the reabsorption of cystine in the kidney tubule. Mutations in this gene cause non-type I cystinuria, a disease that leads to cystine stones in the urinary system due to impaired transport of cystine and dibasic amino acids. Two transcript variants, which encode the same protein, have been found for this gene. [provided by RefSeq]

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Molecular Weight: 53 kDa

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Gene ID: 11136

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UniProt: [P82251](#)

## Application Details

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Application Notes: WB: 1:500-1:3000. Optimal dilutions/concentrations should be determined by the researcher.  
Not tested in other applications.

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Comment: Positive Control: human kidney

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Concentration: 1.3 mg/mL

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Buffer: 1XPBS ( pH 7), 20 % Glycerol, 0.025 % ProClin 300

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Preservative: ProClin

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Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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Storage: 4 °C,-20 °C

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Storage Comment: Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.