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# anti-SLC7A3 antibody (Middle Region)



Image



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#### Overview

Quantity:	100 μL
Target:	SLC7A3
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Horse, Rabbit, Cow, Rat, Dog, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC7A3 antibody is un-conjugated
Application:	Western Blotting (WB)

#### **Product Details**

Immunogen:	The immunogen is a synthetic peptide corresponding to a region of Mouse
Sequence:	RAWSSAFDNL IGNHISRTLK GTILLKMPHV LAEYPDFFAL ALVLLLTGLL
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against Slc7a3. It was validated on Western Blot.
Purification:	Affinity Purified

## **Target Details**

Target:	SLC7A3
Alternative Name:	Slc7a3 (SLC7A3 Products)

## **Target Details**

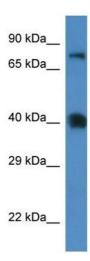
Background:	Slc7a3 mediates the uptake of the cationic amino acids arginine, lysine and ornithine in a
	sodium-independent manner.
	Alias Symbols: Atrc3, CAT3, SLC7A1, SLC7A2
	Protein Size: 618
Molecular Weight:	67 kDa
Gene ID:	11989
NCBI Accession:	NM_007515, NP_031541
UniProt:	P70423

## **Application Details**

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 618 AA
Restrictions:	For Research Use only

# Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
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:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



#### **Western Blotting**

**Image 1.** WB Suggested Anti-Slc7a3 Antibody Titration: 1.0 ug/ml Positive Control: Mouse Spleen