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## Datasheet for ABIN2781601 anti-SLC7A4 antibody (Middle Region)

1 Image

1 Publication



#### Overview

Quantity:	100 µL
Target:	SLC7A4
Binding Specificity:	Middle Region
Reactivity:	Human, Rat, Cow, Dog, Guinea Pig, Horse, Mouse, Rabbit, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC7A4 antibody is un-conjugated
Application:	Western Blotting (WB)

#### Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human SLC7A4
Sequence:	GAYILVSTVL TLMVPWHSLD PDSALADAFY QRGYRWAGFI VAAGSICAMN
Predicted Reactivity:	Cow: 86%, Dog: 85%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 75%
Characteristics:	This is a rabbit polyclonal antibody against SLC7A4. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified
Target Details	
Target:	SLC7A4

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#### Target Details

Alternative Name:	SLC7A4 (SLC7A4 Products)
Background:	SLC7A4 is involved in the transport of the cationic amino acids (arginine, lysine and ornithine). Alias Symbols: CAT-4, CAT4, HCAT3, MGC129976, MGC129977, VH Protein Size: 635
Molecular Weight:	68 kDa
Gene ID:	6545
NCBI Accession:	NM_004173, NP_004164
UniProt:	043246

### Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 635 AA
Restrictions:	For Research Use only

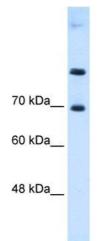
## Handling

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.
Publications	
Product cited in:	Crawford, Qian, Ziogas, Papageorge, Boersma, Walker, Lukes, Rowe, Zhang, Ambs, Lowy, Anton-Culver, Hunter: "Rrp1b, a new candidate susceptibility gene for breast cancer progressio

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Images



Western Blotting
Image 1. WB Suggested Anti-SLC7A4 Antibody Titration:
0.125ug/ml Positive Control: HepG2 cell lysate

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