

Datasheet for ABIN2781551
anti-SLC7A2 antibody (Middle Region)[Go to Product page](#)

1 Image

2 Publications

Overview

Quantity:	100 µL
Target:	SLC7A2
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Pig, Rabbit, Dog, Cow, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC7A2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human SLC7A2
Sequence:	VANWKISEEF LKNISASARE PPSENGTSIY GAGGFMPYGF TGTLAGAATC
Predicted Reactivity:	Cow: 93%, Dog: 86%, Horse: 93%, Human: 100%, Mouse: 100%, Pig: 100%, Rabbit: 93%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against SLC7A2. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	SLC7A2
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Target Details

Alternative Name:	SLC7A2 (SLC7A2 Products)
Background:	<p>SLC7A2 is a low-affinity, high capacity permease involved in the transport of the cationic amino acids (arginine, lysine and ornithine). SLC7A2 plays a regulatory role in classical or alternative activation of macrophages.</p> <p>Alias Symbols: ATRC2, CAT-2, HCAT2, CAT2</p> <p>Protein Interaction Partner: UBC,</p> <p>Protein Size: 658</p>
Molecular Weight:	72 kDa
Gene ID:	6542
NCBI Accession:	NM_001008539 , NP_001008539
UniProt:	P52569

Application Details

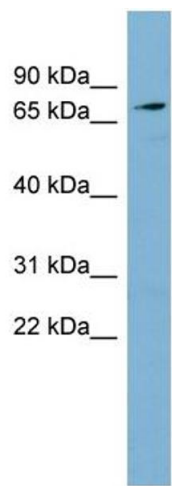
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 658 AA
Restrictions:	For Research Use only

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.

Product cited in: Spellman, Ahmed, Dubach, Gardiner: "Expression of trisomic proteins in Down syndrome model systems." in: **Gene**, Vol. 512, Issue 2, pp. 219-25, (2012) ([PubMed](#)).

Validation report #100008 for Western Blotting (WB)



Western Blotting

Image 1. WB Suggested Anti-SLC7A2 Antibody Titration:
0.2-1 ug/ml Positive Control: OVCAR-3 cell lysate