

Product Datasheet

SLC10A1 Rabbit Polyclonal Antibody (orb578335)

Catalog Number	orb578335
Category	Antibodies
Description	Rabbit polyclonal antibody to SLC10A1
Target	SLC10A1
Clonality	Polyclonal
Species/Host	Rabbit
Conjugation	Unconjugated
Reactivity	Human
Predicted Reactivity	Bovine, Canine, Equine, Guinea pig, Mouse, Rabbit, Rat
Form/Appearance	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Concentration	0.5 mg/ml
Buffer/Preservatives	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Purification	Affinity Purified
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human SLC10A1
Protein Sequence	Synthetic peptide located within the following region: VFSLAMKGD MNLSIVMTTCSTFCALGMMPLLLYIYSRGIYDGLDKDKVPY
UniProt ID	Q14973

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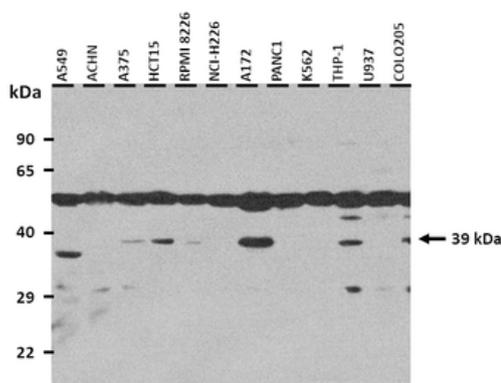
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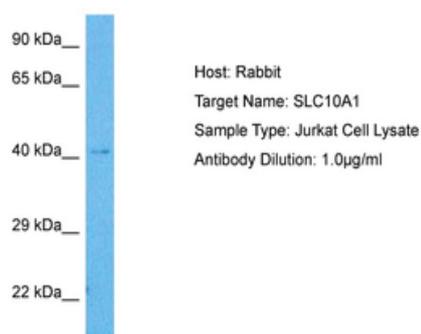
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MW	38 kDa
Tested applications	WB
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
NCBI	NP_003040
Expiration Date	12 months from date of receipt.



25 ug of the indicated Human whole cell extracts was loaded onto a 12% SDS-PAGE gel. 3 ug/ml of the antibody was used in this experiment. SLC10A1 is modified by N-linked glycosylation.



Sample Tissue: Human Jurkat Whole Cell, Antibody Dilution: 1 ug/ml.

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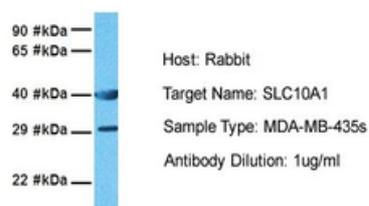
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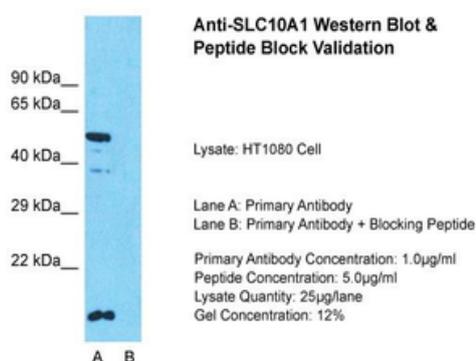
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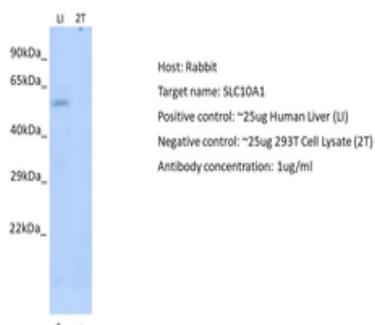
SLC10A1



Sample Tissue: Human MDA-MB-435s, Antibody Dilution: 1.0 ug/ml.



Sample Type: HT1080, Lane A: Primary Antibody, Lane B: Primary Antibody + Blocking Peptide, Primary Antibody Concentration: 1 ug/ml, Peptide Concentration: 5 ug/ml, Lysate Quantity: 25 ug/lane/lane, Gel Concentration: 0.12.



Positive control (+): Human liver (LI), Negative control (-): 293T (2T), Antibody concentration: 1 ug/ml.

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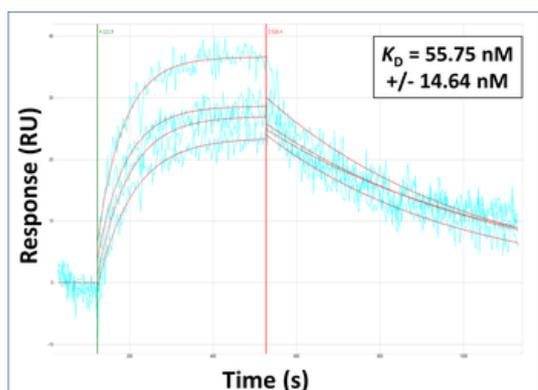
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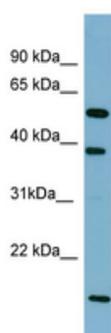
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Surface Plasmon Resonance Kinetic Characterization of Polyclonal Antibody Affinity. Purified polyclonal antibodies were immobilized on a Protein A/G coated Carterra LSA sensor chip (PAGH200M) at concentrations of 5, and 50 ug/ml in duplicate. Antibodies on the surface were exposed to interaction with peptides sequentially via microfluidic controlled flow at 333nM peptide concentration for kinetic characterization of the binders for affinity and specificity, followed by curve fitting using the Kinetics software. K_d determinations for both concentrations were averaged and results and standard deviation are shown.



WB Suggested Anti-SLC10A1 Antibody Titration: 0.2-1 ug/ml, ELISA Titer: 1:312500, Positive Control: HT1080 cell lysate.

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