

Rabbit anti-Human SLC10A1 Polyclonal Antibody | anti-SLC10A1 antibody

SLC10A1 Antibody (C-term)

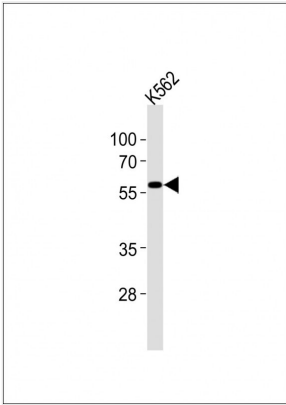
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA28775	Rabbit	Human	Western Blot, ELISA, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

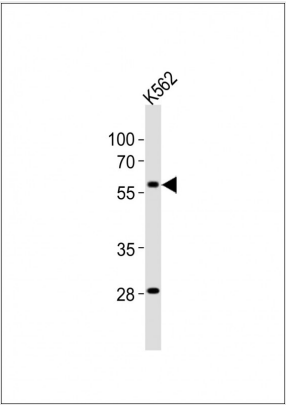
SLC10A1; Polyclonal Antibody; SLC10A1 Antibody (C-term); Sodium/bile acid cotransporter; Cell growth-inhibiting gene 29 protein; Na(+)/bile acid cotransporter; Na(+)/taurocholate transport protein; Sodium/taurocholate cotransporting polypeptide; Solute carrier family 10 member 1; NTCP; anti-SLC10A1 antibody

PRODUCT SPECIFICATIONS

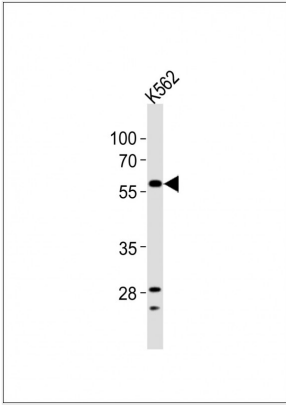
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This SLC10A1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 316-343 amino acids from the C-terminal region of human SLC10A1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	316-343
Sequence Length	349
Applicable Applications for anti-SLC10A1 antibody	WB (Western Blot), ELISA, FCM/FACS (Flow Cytometry)
Application Notes	WB~~1:1000
Antigen Type	Synthetic Peptide
Crown Antibody	Yes
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



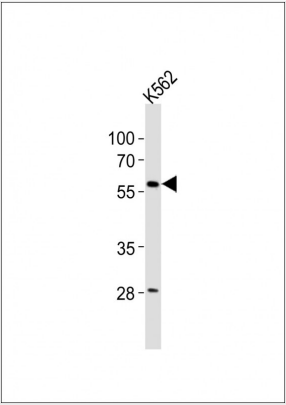
WB (Western Blot)
Anti-SLC10A1 Antibody (C-term)at 1:2000 dilution + K562 whole cell lysatesLysates/proteins at 20 ug per lane.SecondaryGoat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilutionPredicted band size : 38 kDaBlocking/Dilution buffer: 5% NFDM/TBST.



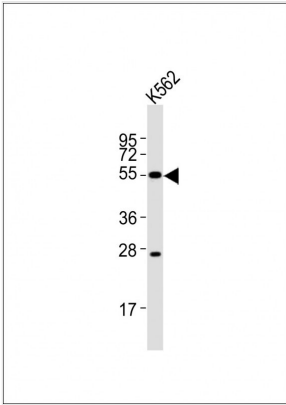
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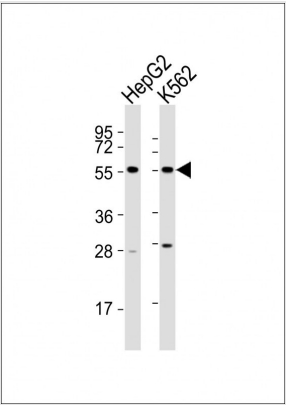
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WB (Western Blot)
All lanes : Anti-SLC10A1 Antibody (C-term) at 1:2000 dilutionLane 1: HepG2 whole cell lysatesLane 2: K562 whole cell lysatesLysates/proteins at 20 ug per lane.SecondaryGoat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilutionPredicted band size : 38 kDaBlocking/Dilution buffer: 5% NFDM/TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-SLC10A1 antibody	Sodium/bile acid cotransporters are integral membrane glycoproteins that participate in the enterohepatic circulation of bile acids. Two homologous transporters are involved in the reabsorption of bile acids, one absorbing from the intestinal lumen, the bile duct, and the kidney with an apical localization (SLC10A2; MIM 601295), and the other being found in the basolateral membranes of hepatocytes (SLC10A1).
Product Categories/Family for anti-SLC10A1 antibody	Crown Antibodies ; Cancer ; Metabolism ; Signal Transduction
References	Ho, R.H., et al. J. Biol. Chem. 279(8):7213-7222(2004) Trauner, M., et al. Physiol. Rev. 83(2):633-671(2003) Hallen, S., et al. Biochemistry 41(23):7253-7266(2002) Shiao, T., et al. Genomics 69(2):203-213(2000) Hagenbuch, B., et al. J. Clin. Invest. 93(3):1326-1331(1994)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506971
NCBI GeneID	6554
NCBI Accession #	NP_003040.1
NCBI GenBank Nucleotide #	NM_003049.3
UniProt Accession #	Q14973 ; Q2TU29 ; B9EGB6
Molecular Weight	38119
NCBI Official Full Name	sodium/bile acid cotransporter
NCBI Official Synonym Full Names	solute carrier family 10 (sodium/bile acid cotransporter), member 1
NCBI Official Symbol	SLC10A1
NCBI Official Synonym Symbols	NTCP
NCBI Protein Information	sodium/bile acid cotransporter
UniProt Protein Name	Sodium/bile acid cotransporter
UniProt Gene Name	SLC10A1
UniProt Synonym Gene Names	NTCP
UniProt Entry Name	NTCP_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.