

Anti-SLC30A1 antibody (328-507) (STJ111995)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IHC-P/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

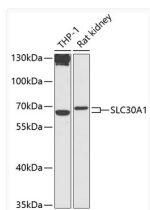
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IHC-P:1:50-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 55kDa Observed Mw: 55kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

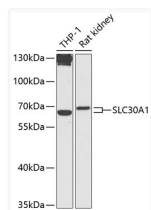
Gene ID	7779
Gene Symbol	SLC30A1
UniProt ID	ZNT1_HUMAN
Immunogen Region	328-507
Immunogen Sequence	LLYTTYPLLKESALILLQTV PKQIDIRNLIKELRNVEGVE EVHELHVWQLAGSRIATAH IKCEDPTSYMEVAKTIKDVF HNHGIIHATTIQPEFASVGSK SSVVPCELACRTQCALKQCC GTLPPQAPSGKDAEKTPAVSI SCLELSNNLEKKPRRTKAEN IPAVVIEIKNMPNKQPSSL
Specificity	A synthetic peptide corresponding to a sequence within amino acids 328-507 of human SLC30A1 (NP_067017.2).

ADDITIONAL INFORMATION

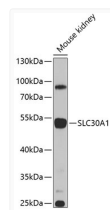
Note	STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.
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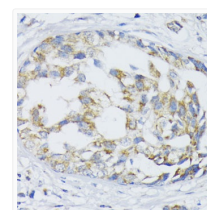
Western blot analysis of various lysates using SLC30A1 Rabbit pAb (STJ111995) at 1:1000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit
Exposure time: 90s.



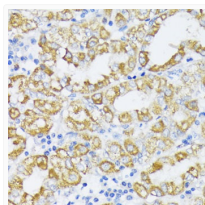
Western blot analysis of various lysates using SLC30A1 Rabbit pAb (STJ111995) at 1:1000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit
Exposure time: 90s.



Western blot analysis of lysates from mouse kidney, using SLC30A1 Rabbit pAb (STJ111995) at 1:1000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Enhanced Kit
Exposure time: 60s.



Immunohistochemistry analysis of paraffin-embedded Human mammary cancer using SLC30A1 Rabbit pAb (STJ111995) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to immunohistochemistry staining.



Immunohistochemistry analysis of paraffin-embedded Human stomach using SLC30A1 Rabbit pAb (STJ111995) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to immunohistochemistry staining.