

Rabbit SLC4A7 Polyclonal Antibody | anti-SLC4A7 antibody

Anti-SLC4A7 Antibody (aa516-555)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA162414	Rabbit	HumanPredicted: Mouse, Rat, Monkey	Western Blot, Immunohistochemistry

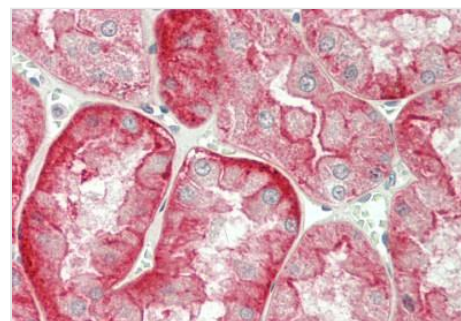
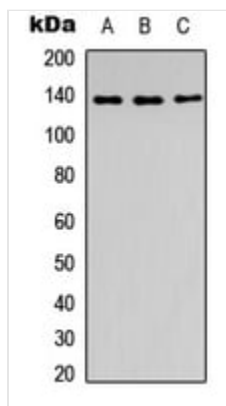
PRODUCT SYNONYMS

SLC4A7; Polyclonal Antibody; Anti-SLC4A7 Antibody (aa516-555); Rabbit Polyclonal to Human SLC4A7; Bicarbonate transporter; BT; NBC2; NBC3; NBCN1; SBC2; NBC2B; MNBC3; SLC4A6; anti-SLC4A7 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human Predicted: Mouse, Rat, Monkey
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of SLC4A7 protein.
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, pH 7.3, 0.01% sodium azide, 30% glycerol.
Sequence Length	1214
Applicable Applications for anti-SLC4A7 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the central region of human SLC4A7.
Conjugation	Unconjugated
Epitope	aa516-555
Preparation and Storage	Store at -20 degree C. Aliquot to avoid freeze/thaw cycles.

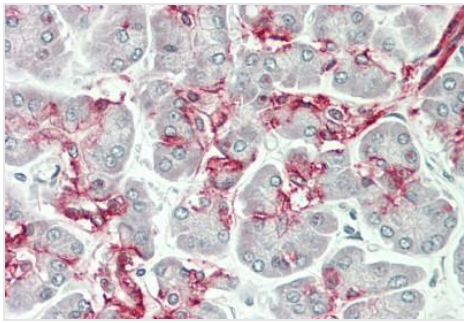
IMAGES



IHC (Immunohistochemistry)
Human Kidney: Formalin-Fixed, Paraffin-Embedded (FFPE)

WB (Western Blot)

Western blot analysis of SLC4A7 expression in A549 (A); Raw264.7 (B); PC12 (C) whole cell lysates.



IHC (Immunohistochemistry)
Human Pancreas: Formalin-Fixed, Paraffin-Embedded (FFPE)

ADDITIONAL INFORMATION

Related Product Information for anti-SLC4A7 antibody	Electroneutral sodium- and bicarbonate-dependent cotransporter with aNa ⁺ :HCO ₃ ⁻ 1:1 stoichiometry. Regulates intracellular pH and may play arole in bicarbonate salvage in secretory epithelia. May also have anassociated sodium channel activity.
Product Categories/Family for anti-SLC4A7 antibody	Transporter; Anion exchanger

NCBI AND UNIPROT INFORMATION

NCBI GI #	134288865
NCBI GeneID	9497
NCBI Accession #	NP_003606.3
NCBI GenBank Nucleotide #	NM_003615.4
UniProt Accession #	Q9Y6M7; A6NIA8; B2CI53; B5M449; B5M451; B5M452; B5M453; B6DY52; B6DY53; C9JST9; D3K174; D3K175
Molecular Weight	52,692 Da
NCBI Official Full Name	sodium bicarbonate cotransporter 3 isoform a
NCBI Official Synonym Full Names	solute carrier family 4 member 7
NCBI Official Symbol	SLC4A7
NCBI Official Synonym Symbols	NBC2; NBC3; SBC2; NBCN1; SLC4A6
NCBI Protein Information	sodium bicarbonate cotransporter 3
UniProt Protein Name	Sodium bicarbonate cotransporter 3
UniProt Gene Name	SLC4A7
UniProt Synonym Gene Names	BT; NBC2; NBC2B; NBC3; NBCn1; SBC2; SLC4A6; Bicarbonate transporter

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.