

Rabbit SLC4A4 Polyclonal Antibody | anti-SLC4A4 antibody

SLC4A4 Polyclonal Antibody

CATALOG # AAA279451	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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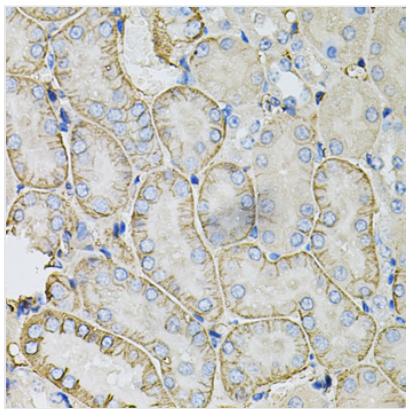
PRODUCT SYNONYMS

SLC4A4; Polyclonal Antibody; SLC4A4 Polyclonal Antibody; KNBC; NBC1; NBC2; pNBC; HNBC1; hhNMC; SLC4A5; NBCe1-A; anti-SLC4A4 antibody

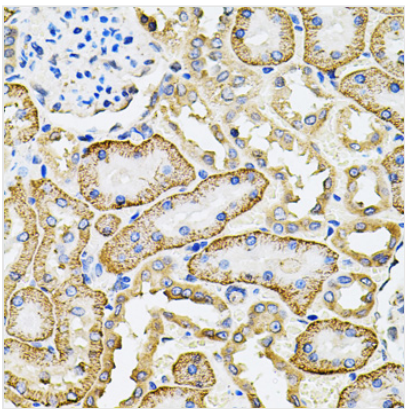
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.05% proclin300, 50% glycerol, pH7.3.
Concentration	1mg/ml (varies by lot)
Sequence Length	1079
Applicable Applications for anti-SLC4A4 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human SLC4A4
Calculated Molecular Weight	121kDa
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

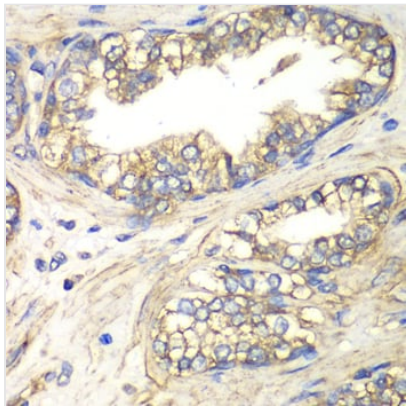
IMAGES



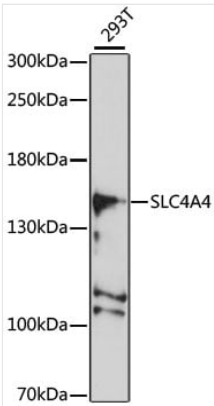
IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded mouse kidney using SLC4A4 antibody at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded rat kidney using SLC4A4 antibody at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human prostate using SLC4A4 antibody at dilution of 1:100 (40x lens).



WB (Western Blot)
Western blot analysis of extracts of 293T cells, using SLC4A4 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.

ADDITIONAL INFORMATION

Related Product Information for anti-SLC4A4 antibody	This gene encodes a sodium bicarbonate cotransporter (NBC) involved in the regulation of bicarbonate secretion and absorption and intracellular pH. Mutations in this gene are associated with proximal renal tubular acidosis. Multiple transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-SLC4A4 antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	74721543
NCBI GeneID	8671
UniProt Accession #	Q9Y6R1; O15153; Q8NEJ2; Q9H262; Q9NRZ1; Q9UIC0; Q9UIC1; Q9UP50; C4B714
Molecular Weight	1079
NCBI Official Full Name	Electrogenic sodium bicarbonate cotransporter 1
NCBI Official Synonym Full Names	solute carrier family 4 (sodium bicarbonate cotransporter), member 4
NCBI Official Symbol	SLC4A4

NCBI Official Synonym Symbols	KNBC; NBC1; NBC2; pNBC; HNBC1; hhNMC; SLC4A5; NBCe1-A
NCBI Protein Information	electrogenic sodium bicarbonate cotransporter 1; kNBC1; Na(+)/HCO3(-) cotransporter; solute carrier family 4, sodium bicarbonate cotransporter, member 5; solute carrier family 4, sodium bicarbonate cotransporter, member 4, brain type; sodium bicarbonate cotransporter 1 (sodium bicarbonate cotransporter, kidney; sodium bicarbonate cotransporter, pancreas)
UniProt Protein Name	Electrogenic sodium bicarbonate cotransporter 1
UniProt Gene Name	SLC4A4
UniProt Synonym Gene Names	NBC; NBC1; NBCE1; Sodium bicarbonate cotransporter
UniProt Entry Name	S4A4_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/slc4a4-antibody-immunohistochemistry-western-blot-elisa/279451>