

Rabbit SLC4A7 Polyclonal Antibody | anti-SLC4A7 antibody

SLC4A7 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA328178	Rabbit	Human, Mouse, Rat	Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

SLC4A7; Polyclonal Antibody; SLC4A7 Antibody; Bicarbonate transporter; BT; NBC2; NBC3; S4A7; SBC2; SLC4A6; Sodium bicarbonate cotransporter 2; Sodium bicarbonate cotransporter 2b; Sodium bicarbonate cotransporter 3; Solute carrier family 4 member 7; Solute carrier family 4 sodium bicarbonate cotransporter member 7; anti-SLC4A7 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Supplied in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	~1mg/ml (varies by lot)
Sequence Length	1131
Applicable Applications for anti-SLC4A7 antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human SLC4A7, corresponding to a region within the internal amino acids.
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



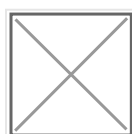
IF (Immunofluorescence)

staining Hela cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degrees C. Samples were then incubated with primary Ab(AAA328178 1:200) and mouse anti-beta tubulin Ab(1:200) for 1 hour at 37 degrees C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary Ab. The nuclear counter stain is DAPI(blue).



IHC (Immunohistochemistry)

AAA328178 at 1/100 staining Rat muscle tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary Ab at 4 degrees C overnight. An HRP conjugated anti-Rabbit Ab was used as the secondary Ab.



WB (Western Blot)

Western blot analysis SLC4A7 using HuvEc whole cell lysates

NCBI AND UNIPROT INFORMATION

NCBI GI #	385648268
NCBI GeneID	9497
NCBI Accession #	NP_001245308.1
NCBI GenBank Nucleotide #	NM_001258379.1
UniProt Accession #	Q9Y6M7; A6NIA8; B2CI53; B5M449; B5M451; B5M452; B5M453; B6DY52; B6DY53; C9JST9; D3K174; D3K175
Molecular Weight	136 kDa
NCBI Official Full Name	sodium bicarbonate cotransporter 3 isoform b
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/slc4a7-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/328178>