

Rabbit anti-Human SLC4A7 Polyclonal Antibody | anti-SLC4A7 antibody

SLC4A7 Antibody

CATALOG # AAA301045	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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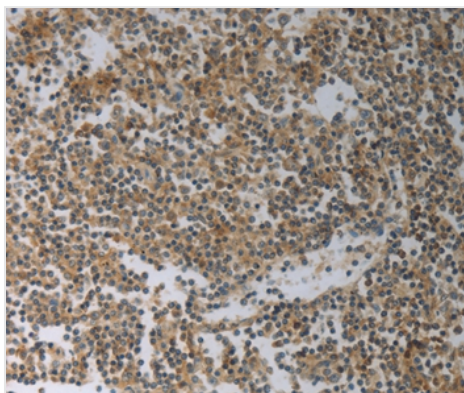
PRODUCT SYNONYMS

SLC4A7; Polyclonal Antibody; SLC4A7 Antibody; NBC2; NBC3; SBC2; NBCN1; SLC4A6; anti-SLC4A7 antibody

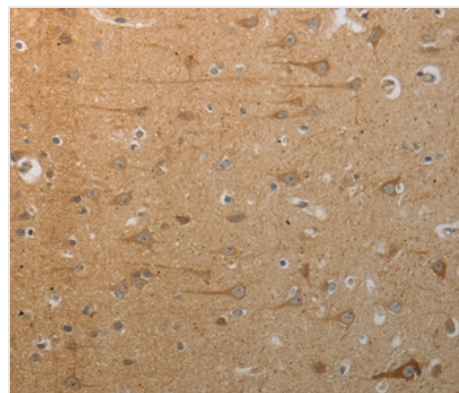
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total SLC4A7 protein.
Purity/Purification	Antigen affinity purification.
Form/Format	Rabbit IgG in pH7.3 PBS, 0.05% NaN ₃ , 50% Glycerol.
Concentration	1.8 mg/ml (varies by lot)
Sequence Length	1131
Applicable Applications for anti-SLC4A7 antibody	IHC (Immunohistochemistry)
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human Solute carrier family 4, sodium bicarbonate cotransporter, member 7
Target Name	SLC4A7
Preparation and Storage	Store at -20 degree C

IMAGES



IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded Human tonsil tissue using at dilution 1/50.



IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded Human brain tissue using at dilution 1/50.

ADDITIONAL INFORMATION

Related Product Information for anti-SLC4A7 antibody	This locus encodes a sodium bicarbonate cotransporter. The encoded transmembrane protein appears to transport sodium and bicarbonate ions in a 1:1 ratio, and is thus considered an electroneutral cotransporter. The encoded protein likely plays a critical role in regulation of intracellular pH involved in visual and auditory sensory transmission. Alternatively spliced transcript variants encoding distinct isoforms have been described.
Product Categories/Family for anti-SLC4A7 antibody	Total protein Ab

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	52,692 Da
NCBI Official Full Name	sodium bicarbonate cotransporter 3 isoform b
NCBI Official Synonym Full Names	solute carrier family 4, sodium bicarbonate cotransporter, 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
UniProt Entry Name	S4A7_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/slc4a7-antibody-immunohistochemistry-elisa/301045>