

Rabbit SLC4A2 / AE2 Polyclonal Antibody | anti-SLC4A2 antibody

Rabbit Polyclonal to Human SLC4A2 / AE2

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51600	Rabbit	Gibbon, Chimpanzee, Gorilla, Human, Monkey, Orangutan	Immunohistochemistry

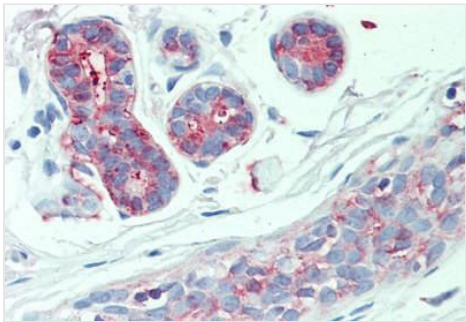
PRODUCT SYNONYMS

SLC4A2 / AE2; Polyclonal Antibody; Rabbit Polyclonal to Human SLC4A2 / AE2; Anti-SLC4A2 / AE2 Antibody (Internal) IHC-plus; SLC4A2; Anion exchange protein 2; AE 2; Anion exchanger 2; Anion exchanger 2 type a; Anion exchanger 2 type b1; Anion exchanger 2 type b2; BND3L; EPB3L1; AE2; HKB3; MPB3L; Anion exchanger type 2; Erythrocyte band 3; NBND3; Human SLC4A2; anti-SLC4A2 antibody

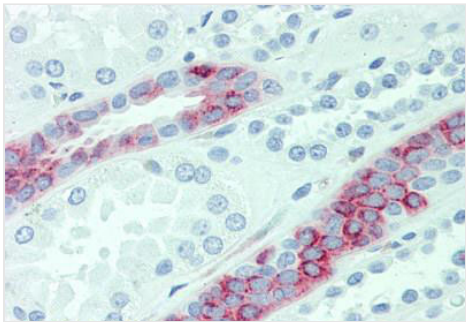
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Gibbon, Chimpanzee, Gorilla, Human, Monkey, Orangutan
Clonality	Polyclonal
Specificity	Human SLC4A2. BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, 0.1% sodium azide.
Concentration	0.11 mg/ml (varies by lot)
Sequence Length	1241
Applicable Applications for anti-SLC4A2 antibody	IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic 16 amino acid peptide from internal region of human SLC4A2. Percent identity with other species by BLAST analysis: Human, Chimpanzee, Gorilla, Orangutan, Gibbon, Monkey (100%); Marmoset, Elephant, Horse (88%).
Immunogen Type	Synthetic peptide
Immunogen	SLC4A2 / AE2 antibody was raised against synthetic 16 amino acid peptide from internal region of human SLC4A2. Percent identity with other species by BLAST analysis: Human, Chimpanzee, Gorilla, Orangutan, Gibbon, Monkey (100%); Marmoset, Elephant, Horse (88%); Panda, Bat (81%).
Antigen Modification	Internal
Preparation and Storage	Long term: -70 degree C; Short term: +4 degree C

IMAGES



IHC (Immunohistochemistry)
Anti-SLC4A2 antibody IHC of human breast. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Anti-SLC4A2 antibody IHC of human kidney. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

ADDITIONAL INFORMATION

Related Product Information for anti-SLC4A2 antibody	Slc4A2 belongs to the family of plasma membrane anion exchangers that maintain the chloride and bicarbonate homeostasis within cells and in the extracellular fluid.
Product Categories/Family for anti-SLC4A2 antibody	Family: Transporter ; Subfamily: Anion exchanger

NCBI AND UNIPROT INFORMATION

NCBI GI #	156071474
NCBI GeneID	6522
NCBI Accession #	NP_003031.3
NCBI GenBank Nucleotide #	NM_003040.3
UniProt Accession #	P04920; Q45EY5; Q969L3; B2R6T0; B4DIT0; D3DX05; F8W682
Molecular Weight	136,247 Da
NCBI Official Full Name	anion exchange protein 2 isoform 1
NCBI Official Synonym Full Names	solute carrier family 4 (anion exchanger), member 2
NCBI Official Symbol	SLC4A2
NCBI Official Synonym Symbols	AE2; HKB3; BND3L; NBND3; EPB3L1
NCBI Protein Information	anion exchange protein 2; AE 2; anion exchanger 2 type a; anion exchanger 2 type b1; anion exchanger 2 type b2; solute carrier family 4 member 2; non-erythroid band 3-like protein; erythrocyte membrane protein band 3-like 1
UniProt Protein Name	Anion exchange protein 2
UniProt Gene Name	SLC4A2
UniProt Synonym Gene Names	AE2; EPB3L1; HKB3; MPB3L; AE 2; Anion exchanger 2; BND3L
UniProt Entry Name	B3A2_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.