

Rabbit SLC4A2 / AE2 Polyclonal Antibody | anti-SLC4A2 antibody

Rabbit Polyclonal to Human SLC4A2 / AE2

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA52260	Rabbit	Reactivity: Human, Mouse, Rat, Dog, Hamster, Horse, Pig, Rabbit Predicted Reactivity: Monkey, Bovine, Guinea pig	Immunohistochemistry

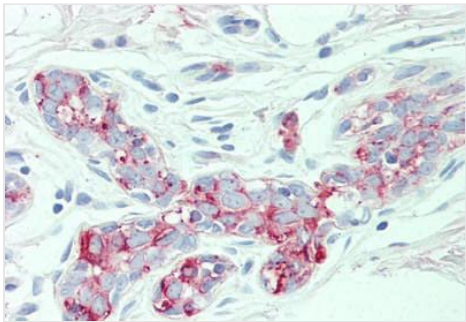
PRODUCT SYNONYMS

SLC4A2 / AE2; Polyclonal Antibody; Rabbit Polyclonal to Human SLC4A2 / AE2; Anti-SLC4A2 / AE2 Antibody (N-Terminus) 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

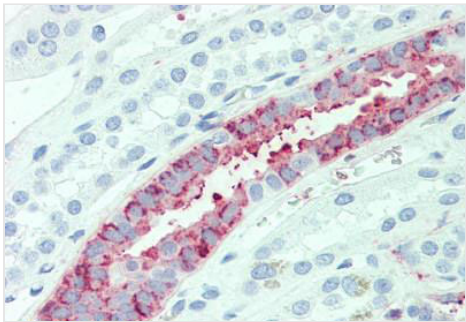
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Reactivity: Human, Mouse, Rat, Dog, Hamster, Horse, Pig, Rabbit Predicted Reactivity: Monkey, Bovine, Guinea pig
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, less than 0.1% sodium azide.
Concentration	0.5 mg/ml (varies by lot)
Sequence Length	1241
Applicable Applications for anti-SLC4A2 antibody	IHC (Immunohistochemistry)
Target	Human SLC4A2 / AE2
Target Species	Human
Immunogen Description	Synthetic 18 amino acid peptide from N-Terminus of human SLC4A2. Percent identity with other species by BLAST analysis: Human, Chimpanzee, Orangutan, Gibbon, Galago, Marmoset, Mouse, Rat, Hamster, Panda, Dog, Horse, Rabbit, Pig (100%).
Immunogen Type	Synthetic peptide
Immunogen	SLC4A2 / AE2 antibody was raised against synthetic 18 amino acid peptide from N-Terminus of human SLC4A2. Percent identity with other species by BLAST analysis: Human, Chimpanzee, Orangutan, Gibbon, Galago, Marmoset, Mouse, Rat, Hamster, Panda, Dog, Horse, Rabbit, Pig (100%); Monkey, Bovine, Guinea pig (94%); Elephant (89%); Bat, Opossum (83%).
Antigen Modification	N-Terminus
Preparation and Storage	Upon arrival: Aliquot and store undiluted at -20 degree C or below for up to 1 year. Can be stored undiluted at 4 degree C for up to 1 month. Avoid freeze thaw cycles.

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.