

Rabbit anti-Human, Mouse SLC4A2 Polyclonal Antibody | anti-SLC4A2 antibody

SLC4A2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA327846	Rabbit	Human, Mouse	ELISA, Immunohistochemistry, Western Blot

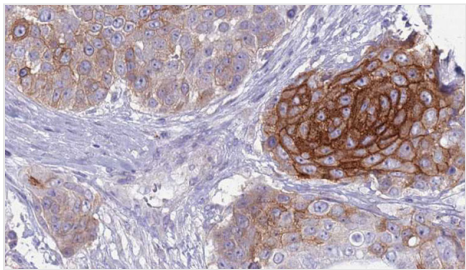
PRODUCT SYNONYMS

SLC4A2; Polyclonal Antibody; SLC4A2 Antibody; AE 2; AE2 anion exchanger; Anion exchange protein 2; Anion exchanger 2; B3A2_HUMAN; BAND 3-LIKE PROTEIN; BND3L; EPB3L1; erythrocyte band 3; Erythrocyte membrane protein band 3 like 1; HKB3; MPB3L; NBND3; Non-erythroid band 3-like protein; Slc4a2; Solute carrier family 4 member 2; anti-SLC4A2 antibody

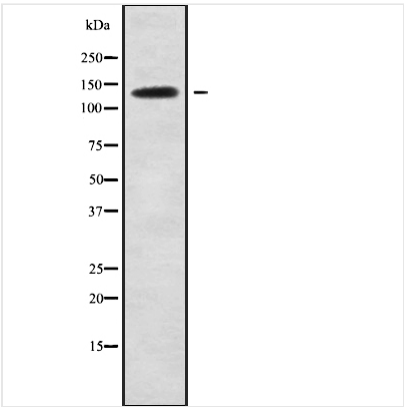
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	SLC4A2 antibody detects endogenous levels of total SLC4A2
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	1241
Applicable Applications for anti-SLC4A2 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human SLC4A2
Subcellular Location	Membrane.
Predicted Cross Reactivity	Pig, Bovine, Sheep, Dog
Similarity	Pig (89%), Bovine (88%), Sheep (88%), Dog (88%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)
AAA327846 at 1/100 staining Human urothelial cancer 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 antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)
Western blot analysis SLC4A2 using Jurkat whole cell lysates

ADDITIONAL INFORMATION

Related Product Information for anti-SLC4A2 antibody	Function: Plasma membrane anion exchange protein of wide distribution. Similarity: Belongs to the anion exchanger (TC 2.A.31) family.
References	Zhang LJ, Lu R, Song YN, Zhu JY, Xia W, Zhang M, Shao ZY, Huang Y, Zhou Y, Zhang H, Guo L, Zhang M, Zhang H; Journal: Sci Rep. Knockdown of anion exchanger 2 suppressed the growth of ovarian cancer cells via mTOR/p70S6K1 signaling.

NCBI AND UNIPROT INFORMATION

NCBI GI #	314122220
NCBI GeneID	6522
NCBI Accession #	NP_001186621.1
NCBI GenBank Nucleotide #	NM_001199692.2
UniProt Accession #	P04920; Q45EY5; Q969L3; B2R6T0; B4DIT0; D3DX05; F8W682
Molecular Weight	Observed: 137 kDa Predicted: 138 kDa
NCBI Official Full Name	anion exchange protein 2 isoform 1
NCBI Official Synonym Full Names	solute carrier family 4 member 2
NCBI Official Symbol	SLC4A2
NCBI Official Synonym Symbols	AE2; HKB3; BND3L; NBND3; EPB3L1
NCBI Protein Information	anion exchange protein 2
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

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.