

Rabbit anti-Human SLC4A5 Polyclonal Antibody | anti-SLC4A5 antibody

SLC4A5 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA235045	Rabbit	Human	Immunofluorescence, Western Blot, ELISA

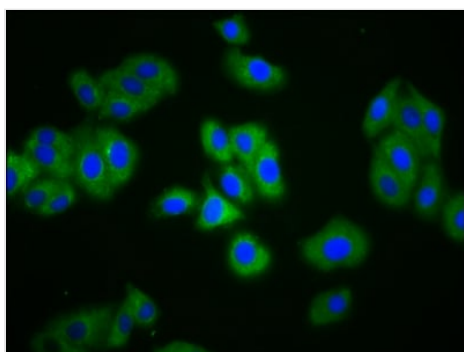
PRODUCT SYNONYMS

SLC4A5; Polyclonal Antibody; SLC4A5 Antibody; Electrogenic sodium bicarbonate cotransporter 4; NBCe2; Solute carrier family 4 member 5; anti-SLC4A5 antibody

PRODUCT SPECIFICATIONS

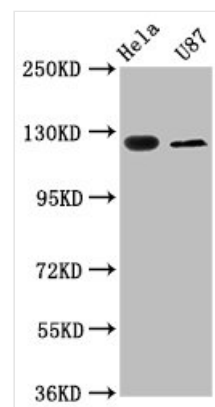
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	1137
Applicable Applications for anti-SLC4A5 antibody	IF (Immunofluorescence), WB (Western Blot), ELISA
Immunogen	Recombinant Human Electrogenic sodium bicarbonate cotransporter 4 protein (1071-1137AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IF (Immunofluorescence)

Immunofluorescence staining of HepG2 cells with AAA235045 at 1:133, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).



WB (Western Blot)

Western Blot Positive WB detected in: HeLa whole cell lysate, U87 whole cell lysate. All lanes: SLC4A5 antibody at 2.7ug/ml. Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution. Predicted band size: 127, 125, 116, 109, 108, 114, 119 KDa. Observed band size: 127 KDa.

ADDITIONAL INFORMATION

Related Product Information for anti-SLC4A5 antibody	Mediates sodium- and bicarbonate-dependent electrogenic sodium bicarbonate cotransport, with a Na(+):HCO3(-) stoichiometry of 2:1. May have a housekeeping function in regulating the pH of tissues in which it is expressed. May play a role in mediating Na(+):HCO3(-) cotransport in hepatocytes and intrahepatic cholangiocytes. Also may be important in protecting the renal paranchyma from alterations in urine pH.
Product Categories/Family for anti-SLC4A5 antibody	Neuroscience; Cancer; Metabolism; Signal transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	125987596
NCBI GeneID	57835
NCBI Accession #	NP_067019.3
NCBI GenBank Nucleotide #	NM_021196.3
UniProt Accession #	Q9BY07; Q32MA7; Q59EQ9; Q8WXD3; Q8WXD7; Q96DS7; Q96DS8; Q9HBU5
Molecular Weight	118,125 Da
NCBI Official Full Name	electrogenic sodium bicarbonate cotransporter 4 isoform a
NCBI Official Synonym Full Names	solute carrier family 4 member 5
NCBI Official Symbol	SLC4A5
NCBI Official Synonym Symbols	NBC4; NBCe2
NCBI Protein Information	electrogenic sodium bicarbonate cotransporter 4
UniProt Protein Name	Electrogenic sodium bicarbonate cotransporter 4
UniProt Gene Name	SLC4A5

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://www.aaabiotech.com/polyclonal/slc4a5-antibody-immunofluorescence-western-blot-elisa/235045>