

Anti-SLC12A2 antibody (120-1212) (STJ113275)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IHC-P/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

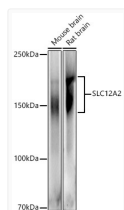
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IHC-P:1:50-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.09% Sodium Azide, 50% Glycerol, pH7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 131kDa Observed Mw: 160-200kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

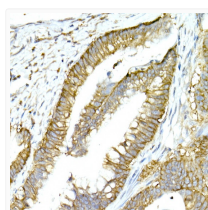
Gene ID	6558
Gene Symbol	SLC12A2
UniProt ID	S12A2_HUMAN
Immunogen Region	120-1212
Immunogen Sequence	GEASGESEPAKGSEEAKGRF RVNFVDPAASSSAEDSLSDA AGVGVDGPNVSFQNGGDTVL SEGSSLHSGGGGGSGHHQHY YYDTHNTYYLRTFGHNTMD AVPRIDHYRHTAAQLGEKLL RPSLAELHDELEKEPFEDGF ANGEESTPTRDAVVITYAES K
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 120-280 of human SLC12A2 (NP_001037.1).

ADDITIONAL INFORMATION

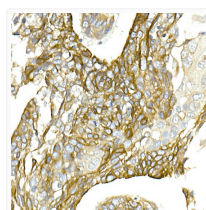
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Western blot analysis of extracts of various cell lines, using SLC12A2 antibody (STJ113275) at 1:500 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.



Immunohistochemistry analysis of paraffin-embedded human colon carcinoma using SLC12A2 rabbit polyclonal antibody (STJ113275) at dilution of 1:50 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of paraffin-embedded human esophageal cancer using SLC12A2 rabbit polyclonal antibody (STJ113275) at dilution of 1:50 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with immunohistochemistry staining protocol.