Immunotag™ SLC4A1 Antibody

Antibody Specification

Catalog No.	ITA7815
Product Description	Immunotag™ SLC4A1 Antibody
Size	100 µg, 200 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	SLC4A1
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,ELISA
Recommended Dilution	WB 1:1000-3000
Concentration	1 mg/ml
Reactive Species	Human
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human SLC4A1
Specificity	SLC4A1 Antibody detects endogenous levels of total SLC4A1
Purification	The antiserum was purified by peptide affinity chromatography.
Form	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Gene Name	SLC4A1
Accession No.	P02730
Alternate Names	AE 1; AE1; Anion exchange protein 1; Anion exchanger 1; B3AT_HUMAN; Band 3 anion transport protein; BND3; CD233; DI; Diego blood group; EMPB3; EPB3; Erythrocyte membrane protein band 3; Erythroid anion exchange protein; FR; Froese blood group; RTA1A; SLC4A1; Solute carrier family 4 anion exchanger member 1; Solute carrier family 4 member 1; SW; Swann blood group; Waldner blood group; WD; WD1; WR; Wright blood group;

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Description	Functions both as a transporter that mediates electroneutral anion exchange across the cell membrane and as a structural protein. Major integral membrane glycoprotein of the erythrocyte membrane; required for normal flexibility and stability of the erythrocyte membrane and for normal erythrocyte shape via the interactions of its cytoplasmic domain with cytoskeletal proteins, glycolytic enzymes, and hemoglobin. Functions as a transporter that mediates the 1:1 exchange of inorganic anions across the erythrocyte membrane. Mediates chloride-bicarbonate exchange in the kidney, and is required for normal acidification of the urine.
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	102 kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.