Immunotag™ SLC24A2 Antibody

Antibody Specification

Catalog No.	ITA9680
Product Description	Immunotag™ SLC24A2 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	SLC24A2
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,ELISA
Recommended Dilution	WB 1:1000-3000
Concentration	1 mg/ml
Reactive Species	Human,Mouse
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human SLC24A2
Specificity	SLC24A2 Antibody detects endogenous levels of total SLC24A2
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	SLC24A2
Accession No.	Q9UI40
Alternate Names	Na(+)/K(+)/Ca(2+) exchange protein 2; Na(+)/K(+)/Ca(2+)-exchange protein 2; NCKX 2; NCKX2_HUMAN; OTTHUMP00000045115; Retinal cone Na Ca+K exchanger; Retinal cone Na-Ca+K exchanger; Slc24a2; Sodium/potassium/calcium exchanger 2; Solute carrier family 24 (sodium/potassium/calcium exchanger) member 2; Solute carrier family 24 member 2;

Antibody Specification

Description	Critical component of the visual transduction cascade, controlling the calcium concentration of outer segments during light and darkness. Light causes a rapid lowering of cytosolic free calcium in the outer segment of both retinal rod and cone photoreceptors and the light-induced lowering of calcium is caused by extrusion via this protein which plays a key role in the process of light adaptation. Transports 1 Ca2+ and 1 K+ in exchange for 4 Na+.
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	74 kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.