Immunotag™ SLC24A1 Antibody

Antibody Specification

Catalog No.	ITA5401
Product Description	Immunotag™ SLC24A1 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	SLC24A1
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IF/ICC,ELISA
Recommended Dilution	WB 1:500~1:1000, IF/ICC 1:100-1:500
Concentration	1 mg/ml
Reactive Species	Human
Host Species	Rabbit
Immunogen	A synthesized peptide
Specificity	SLC24A1 Antibody detects endogenous levels of total SLC24A1
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	SLC24A1
Accession No.	O60721
Alternate Names	CSNB1D; HsT17412; KIAA0702; Na(+)/K(+)/Ca(2+) exchange protein 1; Na(+)/K(+)/Ca(2+)-exchange protein 1; NCKX; NCKX1; NCKX1_HUMAN; Retinal rod Na Ca+K exchanger; Retinal rod Na+/Ca+/K+ exchanger; Retinal rod Na-Ca+K exchanger; RODX; Slc24a1; Sodium/potassium/calcium exchanger 1; Solute carrier family 24 (sodium/potassium/calcium exchanger) member 1; Solute carrier family 24 member 1;

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	121 KD
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.