

Immunotag™ OCA2 Antibody

Antibody Specification	
Catalog No.	ITA7500
Product Description	Immunotag™ OCA2 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	OCA2
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC,ELISA
Recommended Dilution	WB 1:500-1:2000 IHC 1:50-1:200
Concentration	1 mg/ml
Reactive Species	Human,Mouse
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human OCA2
Specificity	OCA2 Antibody detects endogenous levels of total OCA2
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	OCA2
Accession No.	Q04671
Alternate Names	BEY; BEY1; BEY2; BOCA; D15S12; EYCL; EYCL2; EYCL3; eye color 2 (central brown); eye color 3 (brown); hair color 3 (brown); HCL3; Melanocyte-specific transporter protein; OCA2; oculocutaneous albinism II; oculocutaneous albinism II (pink-eye dilution homolog, mouse); P; P protein; P_HUMAN; PED; Pink eyed dilution protein homolog; Pink-eyed dilution protein homolog; SHEP1; total brown iris pigmentation;

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Description	Could be involved in the transport of tyrosine, the precursor to melanin synthesis, within the melanocyte. Regulates the pH of melanosome and the melanosome maturation. One of the components of the mammalian pigmentary system. Seems to regulate the post-translational processing of tyrosinase, which catalyzes the limiting reaction in melanin synthesis. May serve as a key control point at which ethnic skin color variation is determined. Major determinant of brown and/or blue eye color.
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	92kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.