

[Go to Product page](#)

Datasheet for ABIN7162432

anti-OCA2 antibody (AA 2-136) (Biotin)

Overview

Quantity:	100 µg
Target:	OCA2
Binding Specificity:	AA 2-136
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OCA2 antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human P protein (2-136AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	OCA2
Alternative Name:	OCA2 (OCA2 Products)
Target Type:	Viral Protein
Background:	Background: Could be involved in the transport of tyrosine, the precursor to melanin synthesis,

Target Details

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.

Aliases: BEY antibody, BEY1 antibody, BEY2 antibody, BOCA antibody, D15S12 antibody, EYCL antibody, EYCL2 antibody, EYCL3 antibody, eye color 2 (central brown) antibody, eye color 3 (brown) antibody, hair color 3 (brown) antibody, HCL3 antibody, Melanocyte-specific transporter protein antibody, OCA2 antibody, oculocutaneous albinism II antibody, oculocutaneous albinism II (pink-eye dilution homolog, mouse) antibody, P antibody, P protein antibody, P_HUMAN antibody, PED antibody, Pink eyed dilution protein homolog antibody, Pink-eyed dilution protein homolog antibody, SHEP1 antibody, total brown iris pigmentation antibody

UniProt: [Q04671](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.