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Datasheet for ABIN7162434  
**anti-OCA2 antibody (AA 2-136) (HRP)**

## Overview

Quantity:	100 µg
Target:	OCA2
Binding Specificity:	AA 2-136
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OCA2 antibody is conjugated to HRP
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 ( <a href="#">OCA2 Products</a> )
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.