

OCA2 rabbit monoclonal antibody

Catalog # H00004948-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human OCA2 peptide using ARM Technology.
Immunogen	A synthetic peptide of human OCA2 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human OCA2 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — OCA2

Entrez GeneID	4948
GeneBank Accession#	OCA2
Gene Name	OCA2
Gene Alias	BEY, BEY1, BEY2, BOCA, D15S12, EYCL, EYCL2, EYCL3, HCL3, P, PED, SHEP1
Gene Description	oculocutaneous albinism II
Omim ID	203200 227220 601800 611409
Gene Ontology	Hyperlink
Gene Summary	This gene encodes the human homologue of the mouse p (pink-eyed dilution) gene. The encoded protein is believed to be an integral membrane protein involved in small molecule transport, specifically tyrosine - a precursor of melanin. Mutations in this gene result in type 2 oculocutaneous albinism. [provided by RefSeq]
Other Designations	eye color 2 (central brown) eye color 3 (brown) hair color 3 (brown) melanocyte-specific transporter protein oculocutaneous albinism II (pink-eye dilution homolog, mouse) total brown iris pigmentation

Disease

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