



Anti-OCA2 monoclonal antibody (DCABH-12656)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description 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.

Immunogen A synthetic peptide of human OCA2 is used for rabbit immunization.

Isotype IgG

Source/Host Rabbit

Species Reactivity Human

Purification Protein A

Conjugate Unconjugated

Applications Western Blot (Transfected lysate); ELISA

Size 1 ea

Buffer In 1x PBS, pH 7.4

Preservative None

Storage Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name [OCA2 oCulocutaneous albinism II \[Homo sapiens \]](#)

Official Symbol OCA2

Synonyms OCA2; oculocutaneous albinism II; D15S12, EYCL2, EYCL3, eye color 2 (central brown) , eye color 3 (brown) , oculocutaneous albinism II (pink eye dilution (murine) homolog) , oculocutaneous albinism II (pink eye dilution homolog, mouse) , P; P protein; BEY; BEY1; BEY2; EYCL; melanocyte specific transporter protein; eye color 3 (brown); hair color 3 (brown); eye color 2 (central brown); total brown iris pigmentation; pink-eyed dilution protein homolog; melanocyte-specific transporter protein; oculocutaneous albinism II (pink-eye dilution homolog,

mouse); P; PED; BOCA; HCL3; EYCL2; EYCL3; SHEP1; D15S12;

Entrez Gene ID	4948
Protein Refseq	NP_000266
UniProt ID	Q04671
Chromosome Location	15q11.2-q12
Pathway	glycine cleavage complex, organism-specific biosystem.
Function	L-tyrosine transmembrane transporter activity; arsenite transmembrane transporter activity; citrate transmembrane transporter activity; protein binding; transporter activity;
