

Product Information

Size:

50ug

Reactivity:

Human, Rat

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB

Recommended dilutions:

ELISA:1:2000-1:10000, WB:1:500-1:5000

Protein Background:

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.

Gene ID:

OCA2

Uniprot

Q04671

Synonyms:

P protein (Melanocyte-specific transporter protein) (Pink-eyed dilution protein homolog), OCA2, D15S12 P

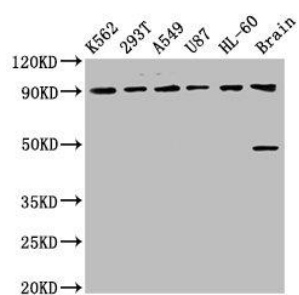
Immunogen:

Recombinant Human P protein (2-136AA).

Storage:

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

Product Images



Western Blot. Positive WB detected in: K562 whole cell lysate, 293T whole cell lysate, A549 whole cell lysate, U87 whole cell lysate, HL60 whole cell lysate, Rat brain tissue. All lanes: OCA2 antibody at 8.93 μ g/ml. Secondary. Goat polyclonal to rabbit IgG at 1/50000 dilution. Predicted band size: 93, 91, 75 kDa. Observed band size: 93 kDa.