

Product datasheet for TA335220

P protein (OCA2) Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: WB

Recommended Dilution: WB

Reactivity: Human

Host: Rabbit

Isotype: IgG

Clonality: Polyclonal

Immunogen: The immunogen for anti-OCA2 antibody: synthetic peptide directed towards the middle

region of human OCA2. Synthetic peptide located within the following region:

LIAEVIFTNIGGAATAIGDPPNVIIVSNQELRKMGLDFAGFTAHMFIGIC

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

Purification: Affinity Purified

Conjugation: Unconjugated

Store at -20°C as received.

Stability: Stable for 12 months from date of receipt.

Predicted Protein Size: 93 kDa

Gene Name: OCA2 melanosomal transmembrane protein

Database Link: NP 000266

Entrez Gene 4948 Human

Q04671



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Background: OCA2 is believed to be an integral membrane protein involved in small molecule transport,

specifically tyrosine - a precursor of melanin. Mutations in the gene encoding OCA2 result in type 2 oculocutaneous albinism. 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. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the

Entrez Gene record to access additional publications.

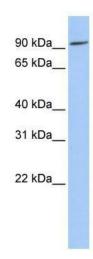
Synonyms: BEY; BEY1; BEY2; BOCA; D15S12; EYCL; EYCL2; EYCL3; HCL3; P; PED; SHEP1

Note: Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human:

100%; Mouse: 100%; Bovine: 100%; Rabbit: 100%; Guinea pig: 100%; Zebrafish: 93%

Protein Families: Druggable Genome, Transmembrane

Product images:



WB Suggested Anti-OCA2 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1: 312500; Positive Control: Human Placenta