

CAB5653

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## Product Information

<b>Product SKU:</b>	CAB5653	<b>Gene ID:</b>	4948	<b>Size:</b>	20uL, 100uL
<b>Clone No:</b>	-	<b>Host Species:</b>	Rabbit	<b>Reactivity:</b>	Human, Mouse

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## Additional Information

<b>Observed MW:</b>	65-80kDa	<b>Conjugate:</b>	Unconjugated
<b>Calculated MW:</b>	93kDa	<b>Isotype:</b>	IgG

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## Immunogen Information

**Background:** This gene encodes the human homolog 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, which is a precursor to melanin synthesis. It is involved in mammalian pigmentation, where it may control skin color variation and act as a determinant of brown or blue eye color. Mutations in this gene result in type 2 oculocutaneous albinism. Alternative splicing results in multiple transcript variants.

**Recommended Dilution:** WB, 1:500 - 1:2000

**Synonyms:** P; BEY; PED; BEY1; BEY2; BOCA; EYCL; HCL3; EYCL2; EYCL3; SHEP1; D15S12; OCA2

**Purification Method:** Affinity purification

**Immunogen:** Recombinant fusion protein containing a sequence corresponding to amino acids 1-180 of human OCA2 (NP\_000266.2).

**Storage:** Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.