

## CAB21267

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### Product Information

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|---------------------|----------|----------------------|--------|--------------------|-------------|
| <b>Product SKU:</b> | CAB21267 | <b>Gene ID:</b>      | 7299   | <b>Size:</b>       | 20uL, 100uL |
| <b>Clone No:</b>    | ARC53166 | <b>Host Species:</b> | Rabbit | <b>Reactivity:</b> | Human       |

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### Additional Information

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| <b>Observed MW:</b>   | Refer to figures | <b>Conjugate:</b> | Unconjugated |
| <b>Calculated MW:</b> | 60kDa            | <b>Isotype:</b>   | IgG          |

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### Immunogen Information

**Background:** The enzyme encoded by this gene catalyzes the first 2 steps, and at least 1 subsequent step, in the conversion of tyrosine to melanin. The enzyme has both tyrosine hydroxylase and dopa oxidase catalytic activities, and requires copper for function. Mutations in this gene result in oculocutaneous albinism, and nonpathologic polymorphisms result in skin pigmentation variation. The human genome contains a pseudogene similar to the 3' half of this gene.

**Recommended Dilution:** IHC-P,1:50 - 1:200 IF/ICC,1:50 - 1:200

**Synonyms:** ATN; CMM8; OCA1; OCA1A; OCAIA; SHEP3; Tyrosinase

**Purification Method:** Affinity purification

**Immunogen:** A synthetic peptide corresponding to a sequence within amino acids 200-300 of human Tyrosinase (NP\_000363.1).

**Storage:** Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.05% proclin300,0.05% BSA,50% glycerol,pH7.3.