

CAB7245

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## Product Information

<b>Product SKU:</b>	CAB7245	<b>Gene ID:</b>	6010	<b>Size:</b>	20uL, 100uL
<b>Clone No:</b>	ARC1818	<b>Host Species:</b>	Rabbit	<b>Reactivity:</b>	Mouse,Rat

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## Additional Information

<b>Observed MW:</b>	28-150kDa	<b>Conjugate:</b>	Unconjugated
<b>Calculated MW:</b>	39kDa	<b>Isotype:</b>	IgG

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## Immunogen Information

**Background:** The protein encoded by this gene is found in rod cells in the back of the eye and is essential for vision in low-light conditions. The encoded protein binds to 11-cis retinal and is activated when light hits the retinal molecule. Defects in this gene are a cause of congenital stationary night blindness.

**Recommended Dilution:** WB,1:500 - 1:2000 IHC-P,1:50 - 1:200

**Synonyms:** RP4; OPN2; CSNBAD1; Rhodopsin

**Purification Method:** Affinity purification

**Immunogen:** A synthetic peptide corresponding to a sequence within amino acids 249-348 of human Rhodopsin (NP\_000530.1).

**Storage:** Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.