



## Chicken polyclonal antibody to Rhodopsin

<b>Catalogue No.:</b>	C-1521-500
<b>Description:</b>	Rod shaped photoreceptor cells that are required for image-forming vision at low light intensity and for photoreceptor cell viability after birth (ref: SWISSPROT).
<b>Batch No.:</b>	See product label
<b>Unit size:</b>	500 uL
<b>Antigen:</b>	Mixture of synthetic peptide (14-26 aa) of Mouse Green cones Opsin 1 and synthetic peptide (18-30 aa) of Tiger finch red cones opsin 1 was used as immunogen.
<b>Sequence:</b>	YEDSTHASIFTYT
<b>Other Names:</b>	Rho; Green cone; Red cone; opsin1;
<b>Accession:</b>	P15409 OPSD_MOUSE;
<b>Produced in:</b>	Chicken
<b>Applications:</b>	WB. Suggested dilution at 1:500 to 1:2,000. The antibody recognizes a band of approximately 37 kD on mouse brain lysate. To minimise background staining, a higher concentration of detergent (such as Tween-20) is suggested in the dilution and washing steps. Biosensis recommends that the optimal working dilution should be determined by the end user.
<b>Cross-reactivity:</b>	Mouse, Rat, Tiger Finch, Zebra finch
<b>Form:</b>	Purified chicken IgY. Liquid in PBS with 0.02% Sodium Azide. Concentration 1 mg/mL.
<b>Storage:</b>	Short term storage at 2-8C for one week. At -20C as an undiluted liquid for up to 12 months.
<b>Expiry Date:</b>	12 months after purchase

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FOR RESEARCH USE ONLY