

Chicken polyclonal antibody to Rhodopsin

Catalogue No.:	C-1521-500
Description:	Rod shaped photoreceptor cells that are required for image-forming vision at low light intensity and for photoreceptor cell viability after birth (ref: SWISSPROT).
Batch No.:	See product label
Unit size:	500 uL
Antigen:	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.
Sequence:	YEDSTHASIFTYT
Other Names:	Rho; Green cone; Red cone; opsin1;
Accession:	P15409 OPSD_MOUSE;
Produced in:	Chicken
Applications:	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.
Cross-reactivity:	Mouse, Rat, Tiger Finch, Zebra finch
Form:	Purified chicken IgY. Liquid in PBS with 0.02% Sodium Azide. Concentration 1 mg/mL.
Storage:	Short term storage at 2-8C for one week. At -20C as an undiluted liquid for up to 12 months.
Expiry Date:	12 months after purchase

FOR RESEARCH USE ONLY