

Polyclonal Antibody to Opsin (Red/Green) - Aff - Purified

Alternate names:	Long-wave-sensitive opsin 1, ROP, Red cone photoreceptor pigment, Red-sensitive opsin
Catalog No.:	AP32382PU-N
Quantity:	0.1 mg
Concentration:	1.0 mg/ml
Uniprot ID:	P04000
NCBI:	NP_064445.1
GeneID:	5956
Host:	Chicken
Immunogen:	Synthetic peptides from Mouse green Opsin and Zebra finch Red Opsin
Format:	State: Liquid purified Ig fraction Purification: Affinity Chromatography Buffer System: PBS Preservatives: 0.02% Sodium Azide
Applications:	Immunoblotting: 1/500-1/2,000 on Mouse brain extract. To minimize background staining it is suggested that you include a higher content of detergent (Tween-20) in your dilution and washing solutions. Immunohistochemistry: Not tested. It is recommended that you try the antibody at 1/50-1/1,000. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	Recognizes Opsin, Red and Green. The antibody reacts with a protein of ~40 kDa.
Species Reactivity:	Tested: Mouse, Rat. Expected from sequence similarity: Zebra finch.
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.