

For Research Use Only

RBP3 Monoclonal antibody

Catalog Number:60921-3-Ig



Basic Information

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| Catalog Number: 60921-3-Ig | GenBank Accession Number: BC039844 | Purification Method: Protein A purification |
| Size: 150ul , Concentration: 1000 ug/ml by Nanodrop; | GeneID (NCBI): 5949 | CloneNo.: 3E6E6 |
| Source: Mouse | UNIPROT ID: P10745 | Recommended Dilutions: WB: 1:2000-1:10000 |
| Isotype: IgG2a | Full Name: retinol binding protein 3, interstitial | |
| Immunogen Catalog Number: AG6182 | Calculated MW: 135 kDa | |
| | Observed MW: 135 kDa | |

Applications

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| Tested Applications: WB, ELISA | Positive Controls: WB : rat retina tissue, rabbit retina tissue, mouse retina tissue |
| Species Specificity: human, mouse, rat, rabbit | |

Background Information

RBP3 (retinoid-binding protein 3), also called interstitial retinoid-binding protein (IRBP), is a large glycoprotein that is synthesized and secreted by rod photoreceptor cells into the interphotoreceptor matrix. It is known to bind retinoids and fatty acids. RBP3 migrates around 136-140 kDa in the western blot analysis. (PMID: 15928609)

Storage

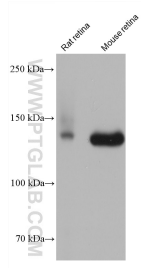
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1%BSA

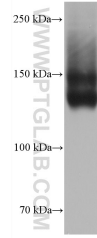
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 60921-3-Ig (RBP3 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



rabbit retina tissue were subjected to SDS PAGE followed by western blot with 60921-3-Ig (RBP3 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.