

For Research Use Only

# Arrestin C Polyclonal antibody

Catalog Number: 11100-2-AP **6 Publications**



## Basic Information

<b>Catalog Number:</b> 11100-2-AP	<b>GenBank Accession Number:</b> BC012096	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 400 µg/ml	<b>GeneID (NCBI):</b> 407	<b>Recommended Dilutions:</b> WB 1:500-1:1000 IHC 1:50-1:500
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P36575	
<b>Isotype:</b> IgG	<b>Full Name:</b> arrestin 3, retinal (X-arrestin)	
<b>Immunogen Catalog Number:</b> AG1580	<b>Calculated MW:</b> 43 kDa	
	<b>Observed MW:</b> 43 kDa	

## Applications

<b>Tested Applications:</b> IF-P, IHC, WB, ELISA	<b>Positive Controls:</b> WB : human brain tissue, mouse eye tissue, mouse heart tissue IHC : mouse eye tissue,
<b>Cited Applications:</b> IHC, WB	
<b>Species Specificity:</b> human, mouse	
<b>Cited Species:</b> human, mouse	
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Jing Liu	34552068	Nat Commun	IHC
Santiago Zugbi	32971811	Cancers (Basel)	IHC
Ursula Winter	30832308	Int J Mol Sci	IHC

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

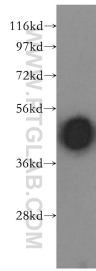
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

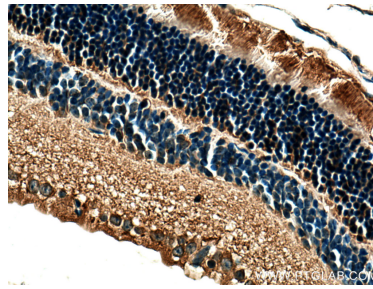
W: [ptgcn.com](http://ptgcn.com)

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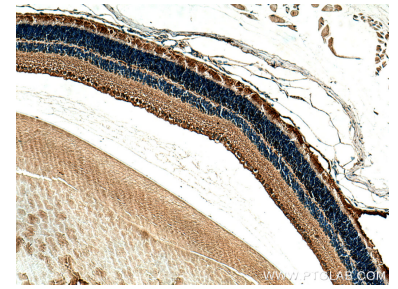
## Selected Validation Data



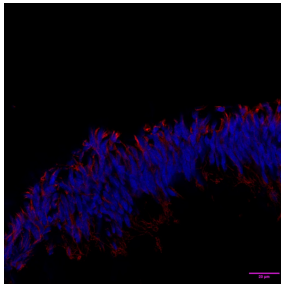
human brain tissue was subjected to SDS PAGE followed by western blot with 11100-2-AP (Arrestin C antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse eye tissue slide using 11100-2-AP (Arrestin C antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse eye tissue slide using 11100-2-AP (Arrestin C antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Retinal organoids (day 220) generated from human induced pluripotent stem cells (iPSCs) and fixed with 4% PFA, Stained for Arrestin C with 11100-2-AP at 1:400. Nuclear stain DAPI (blue). Scale bar = 20  $\mu$ m. Data generated by Alessandro Bellapianta at Johannes Kepler Universitat, Austria.