

# Product Datasheet

## Arrestin 3 Antibody - BSA Free NBP2-41249

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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### Publications: 2

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**NBP2-41249**

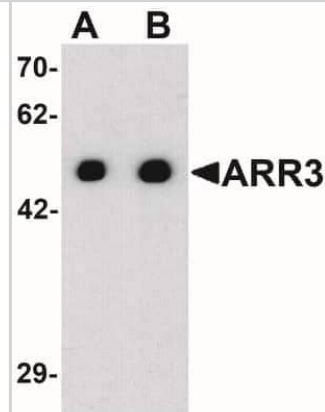
Arrestin 3 Antibody - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Peptide affinity purified
Buffer	PBS
Target Molecular Weight	47 kDa
Product Description	
Host	Rabbit
Gene ID	407
Gene Symbol	ARR3
Species	Human, Mouse, Rat
Specificity/Sensitivity	At least three isoforms of ARR3 are known to exist. This antibody is predicted to not cross-react with other members of the arrestin protein family.
Immunogen	Antibody was raised against a 17 amino acid peptide near the carboxy terminus of human ARR3. The immunogen is located within the last 50 amino acids of ARR3. Amino Acid Sequence: RKGEEESQKAVEAEGDE
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.5- 1 ug/ml, ELISA, Immunohistochemistry 2 ug/ml, Immunocytochemistry/ Immunofluorescence 20 ug/ml, Immunohistochemistry-Paraffin 2 ug/ml

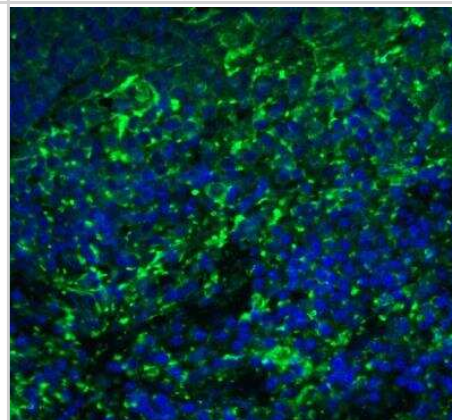


## Images

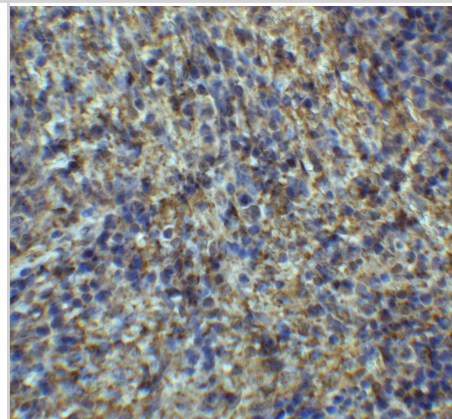
Western Blot: Arrestin 3 Antibody [NBP2-41249] - Analysis of ARR3 in EL4 cell lysate with ARR3 antibody at (A) 0.5 and (B) 1 ug/ml.



Immunocytochemistry/Immunofluorescence: Arrestin 3 Antibody [NBP2-41249] - ARR3 in mouse spleen tissue with ARR3 antibody at 20 ug/ml.



Immunohistochemistry: Arrestin 3 Antibody - BSA Free [NBP2-41249] - Immunohistochemistry of Arrestin 3 in mouse spleen tissue with Arrestin 3 antibody at 2 ug/ml.



## Publications

Afanasyeva TAV, Corral-Serrano JC, Garanto A et al. A look into retinal organoids: methods, analytical techniques, and applications Cellular and Molecular Life Sciences 2021-10-01 [PMID: 34420069] (Immunocytochemistry/Immunofluorescence, Human)

Felemban M, Dorgau B, Hunt NC et al. Extracellular matrix expression in human pluripotent stem cell-derived retinal organoids recapitulates retinogenesis in vivo and reveals an important role for IMPG1 and CD44 in the development of photoreceptors and interphotoreceptor matrix. Acta Biomater 2018-05-17 [PMID: 29777959] (ICC/IF, Human)



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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00000407-Q01-10ug	Recombinant Human Arrestin 3 GST (N-Term) Protein

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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