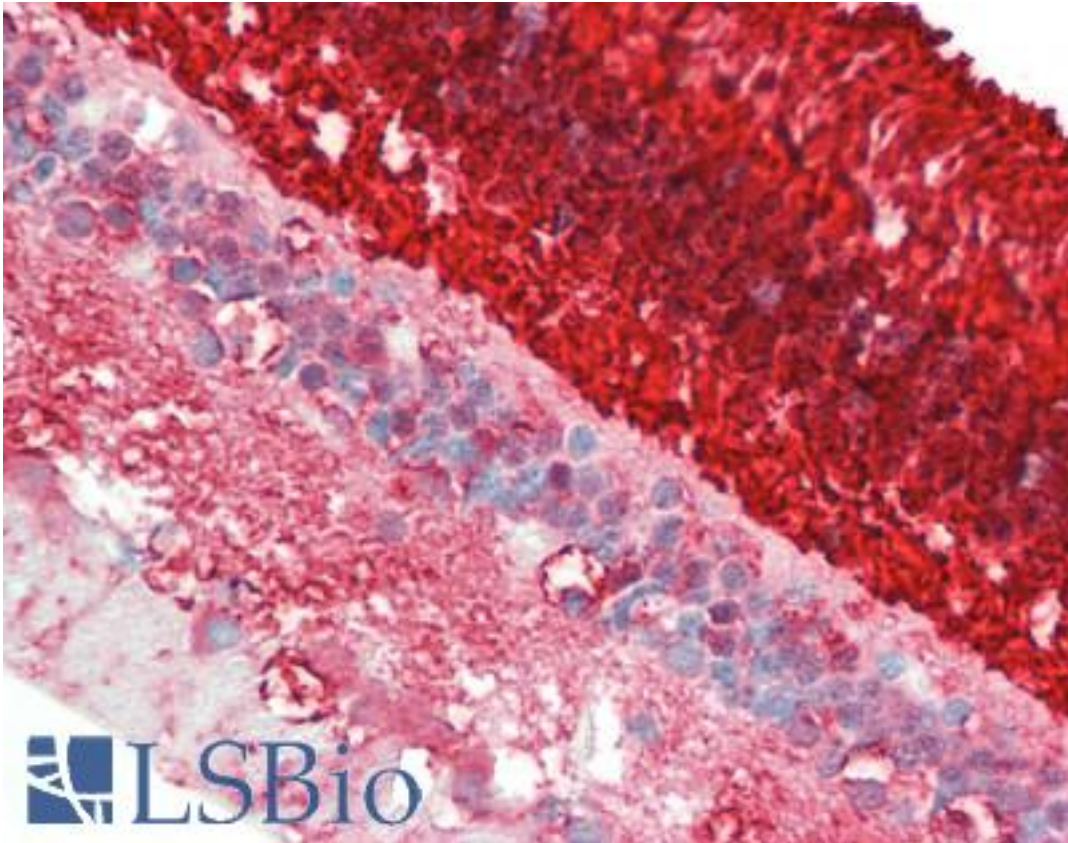


SAG / Arrestin Mouse anti-Human Monoclonal (S128) Antibody - LS-B10410 - LSBio

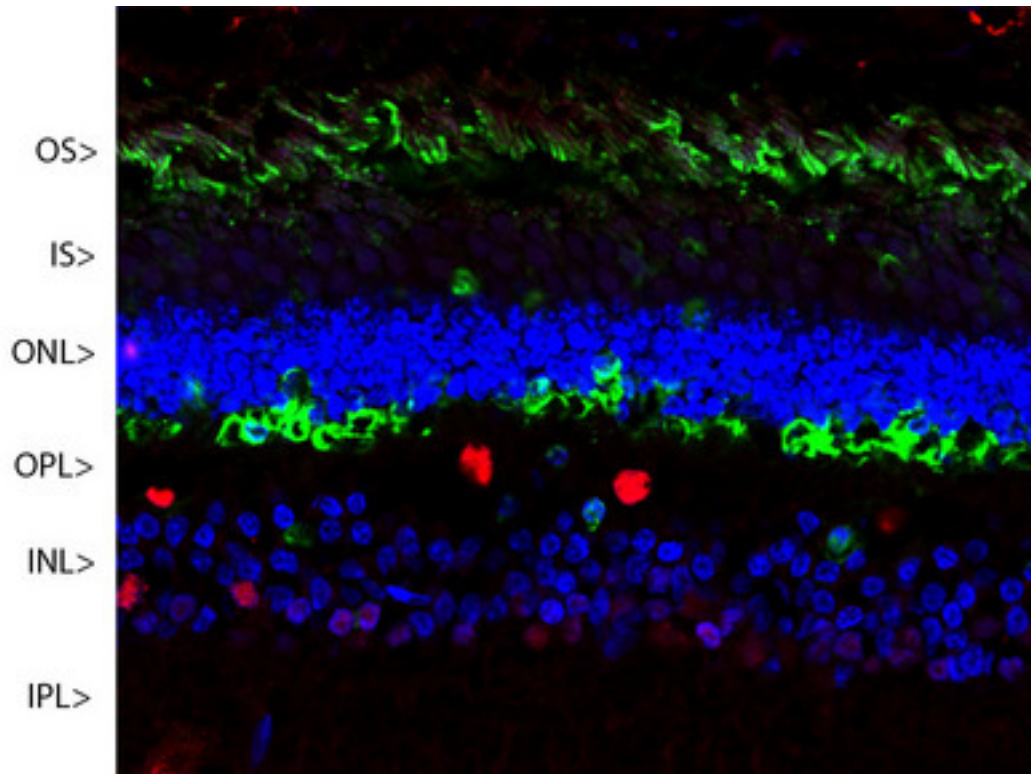
| | |
|-----------------------------|---|
| CatalogID: | LS-B10410 |
| Validation: | This antibody replaces catalog number LS-C204506. It has been validated for use in the following assays: IHC-P. |
| Target: | S-antigen; retina and pineal gland (arrestin) (SAG) |
| Synonyms: | SAG Antibody, 48 kDa protein Antibody, Arrestin 1 Antibody, ARRESTIN Antibody, S-arrestin Antibody, S-AG Antibody, Retinal S-antigen Antibody, Rod photoreceptor arrestin Antibody, S-antigen Antibody, RP47 Antibody |
| Host | SAG antibody was produced in Mouse |
| Clonality: | Monoclonal |
| Isotype: | IgG1,k |
| Clone Name: | S128 |
| Immunogen Species: | SAG / Arrestin antibody was raised against Human |
| Immunogen: | SAG / Arrestin antibody was raised against raised against recombinant bovine arrestin-1 with the first 20 amino acids of the C-terminus truncated |
| Specificity: | Clone S128 is known to react with visual arrestin from human, bovine, mouse, pig and rat. |
| Reactivity: | Human, Mouse, Rat, Bovine, Pig |
| Purification: | Affinity purified |
| Presentation: | PBS, 10 mM sodium azide. |
| Recommended Storage: | +4°C or -20°C, Avoid repeated freezing and thawing. |
| Usage Summary: | Try at dilutions of ~1:1000 for immunofluorescence. For western blots try at 1:5000. A suitable control tissue is retinal homogenate. The arrestin protein runs at about ~48 kDa on SDS-PAGE gels. |
| Uses: | IHC - Paraffin (1:100), Immunofluorescence (1:1000), Western blot (1:5000) (Optimal dilution to be determined by the researcher) |
| Size: | 50 µl |

Immunohistochemistry Image:



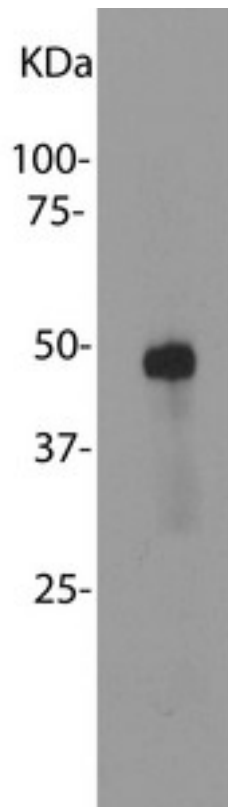
Human Retina: Formalin-Fixed, Paraffin-Embedded (FFPE)

Immunohistochemistry Image:



Confocal image of a pig retina stained with SAG / Arrestin antibody (green). Visual arrestin is most abundant in the outer segments (OS) and inner surface of the outer nuclear layer (ONL), and can be used to identify components of rod photoreceptor cells. (Cone photoreceptors have a different arrestin isotype). Other retinal layers are inner segments (IS), outer plexiform layer (OPL), inner nuclear layer (INL) and inner plexiform layer (IPL). The red stain is Fox2, an RNA binding nuclear protein related to Fox3/NeuN, which stains nuclei of horizontal neurons and some other neurons in the INL and IPL. Nuclear DNA was revealed with DAPI (blue).

Western Blot Image:



Blot of bovine retinal extracts probed with SAG / Arrestin antibody. The antibody stains a band corresponding to retinal arrestin at about 48 kDa.

Requested From:

Japan

Laboratory Reagent For In Vitro Research Use Only

Not for resale without prior written consent from LifeSpan BioSciences, Inc.

Created on 9/23/2014

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