

Rabbit anti-Mouse, Rat SAG Polyclonal Antibody | anti-SAG antibody

SAG Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA311147	Rabbit	Mouse, Rat	Immunohistochemistry, Western Blot

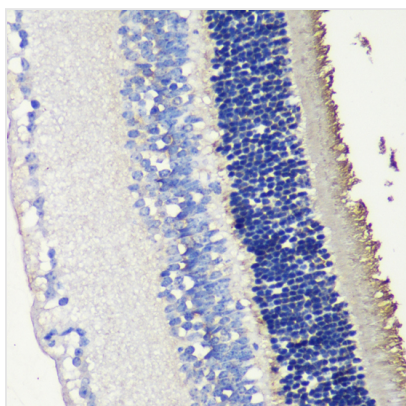
PRODUCT SYNONYMS

SAG; Polyclonal Antibody; SAG Polyclonal Antibody; RP47; S-AG; S-arrestin; anti-SAG antibody

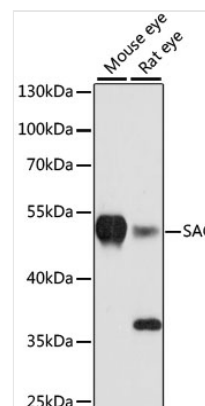
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 50% glycerol, pH7.4
Applicable Applications for anti-SAG antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant fusion protein of human SAG (NP_000532.2).
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse retina using SAG antibody.


WB (Western Blot)

Western blot analysis of extracts of various cell lines, using SAG antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-SAG antibody	Members of arrestin/beta-arrestin protein family are thought to participate in agonist-mediated desensitization of G-protein-coupled receptors and cause specific dampening of cellular responses to stimuli such as hormones, neurotransmitters, or sensory signals. S-arrestin, also known as S-antigen, is a major soluble photoreceptor protein that is involved in desensitization of the photoactivated transduction cascade. It is expressed in the retina and the pineal gland and inhibits coupling of rhodopsin to transducin in vitro. Additionally, S-arrestin is highly antigenic, and is capable of inducing experimental autoimmune uveoretinitis. Mutations in this gene have been associated with Oguchi disease, a rare autosomal recessive form of night blindness.
Product Categories/Family for anti-SAG antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	116008178
NCBI GeneID	6295
NCBI Accession #	NP_000532.2
NCBI GenBank Nucleotide #	NM_000541.4
UniProt Accession #	P10523; Q53SV3; Q99858; A0FDN6
Molecular Weight	45,120 Da
NCBI Official Full Name	S-arrestin
NCBI Official Synonym Full Names	S-antigen; retina and pineal gland (arrestin)
NCBI Official Symbol	SAG
NCBI Official Synonym Symbols	RP47; S-AG
NCBI Protein Information	S-arrestin
UniProt Protein Name	S-arrestin
UniProt Gene Name	SAG
UniProt Synonym Gene Names	S-AG
UniProt Entry Name	ARRS_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/sag-antibody-immunohistochemistry-western-blot-elisa/311147>