.-online.com antibodies

Datasheet for ABIN6260058 anti-SAG antibody (Internal Region)

2 Images



Overview

Quantity:	100 µL
Target:	SAG
Binding Specificity:	Internal Region
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SAG antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

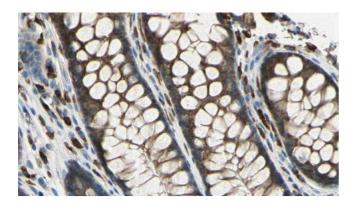
Immunogen:	A synthesized peptide derived from human ARRS, corresponding to a region within the internal amino acids.
lsotype:	lgG
Specificity:	ARRS Antibody detects endogenous levels of total ARRS.
Predicted Reactivity:	Pig,Bovine,Horse,Sheep,Rabbit,Dog,Xenopus
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink TM Coupling Resin (Thermo Fisher Scientific).

Target Details

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Target Details	
Alternative Name:	SAG (SAG Products)
Background:	Description: Binds to photoactivated, phosphorylated RHO and terminates RHO signaling via G- proteins by competing with G-proteins for the same binding site on RHO (By similarity). May play a role in preventing light-dependent degeneration of retinal photoreceptor cells (PubMed:9565049). Gene: SAG
Molecular Weight:	45 kDa
Gene ID:	6295
UniProt:	P10523
Pathways:	Regulation of G-Protein Coupled Receptor Protein Signaling
Application Details	
Application Notes:	WB 1:1000-3000, IHC 1:200, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20 °C. Stable for 12 months from date of receipt.
Expiry Date:	12 months

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Immunohistochemistry

Image 1. ABIN6278833 at 1/100 staining Rat colon tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22_i aC. An HRP conjugated goat anti-rabbit antibody was used as the secondary

kDa 250-150-100-75-50-37-25-20-15-

Western Blotting

Image 2. Western blot analysis of ARRS using HeLa whole cell lysates

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