

ARG63319 anti-GPS1 / COPS1 antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes GPS1 / COPS1
Tested Reactivity	Hu
Predict Reactivity	Ms, Rat, Cow, Dog
Tested Application	IHC-P, WB
Specificity	This antibody is expected to recognise isoform 1 (NP_997657.1) and isoform 2 (NP_004118.3).
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	GPS1 / COPS1
Species	Human
Immunogen	C-PANSQSRMSTNM
Conjugation	Un-conjugated
Alternate Names	COP9 signalosome complex subunit 1; SGN1; COPS1; G protein pathway suppressor 1; Signalosome subunit 1; CSN1; Protein MFH; JAB1-containing signalosome subunit 1; GPS-1

Application Instructions

Application table	Application	Dilution
	IHC-P	5 µg/ml
	WB	0.5 µg/ml
Application Note	WB: Recommend incubate at RT for 1h. IHC-P: Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated

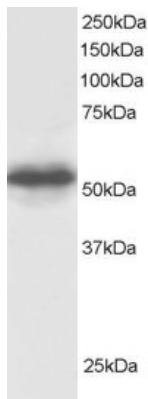
freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

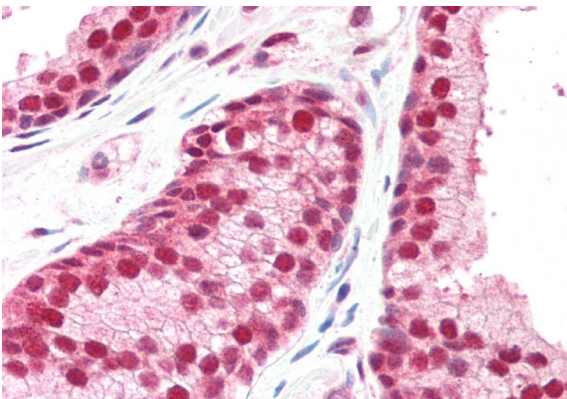
Database links	GeneID: 2873 Human Swiss-port # Q13098 Human
Background	This gene is known to suppress G-protein and mitogen-activated signal transduction in mammalian cells. The encoded protein shares significant similarity with Arabidopsis FUS6, which is a regulator of light-mediated signal transduction in plant cells. Two alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]
Research Area	Cell Biology and Cellular Response antibody; Neuroscience antibody; Signaling Transduction antibody
Calculated Mw	56 kDa

Images



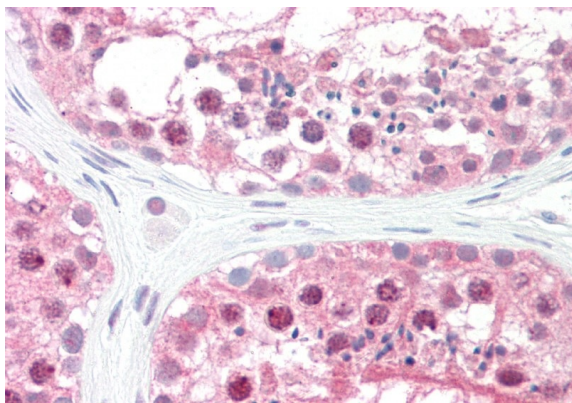
ARG63319 anti-GPS1 / COPS1 antibody WB image

Western Blot: Human Testis lysate (RIPA buffer, 30µg total protein per lane) stained with ARG63319 anti-GPS1 / COPS1 antibody at 0.5 µg/ml dilution.



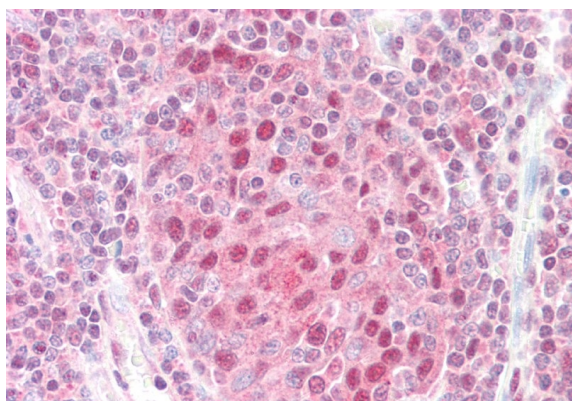
ARG63319 anti-GPS1 / COPS1 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human prostate tissue. Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). The tissue section was stained with ARG63319 anti-GPS1 / COPS1 antibody at 5 µg/ml dilution followed by AP-staining.



ARG63319 anti-GPS1 / COPS1 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human testis tissue.
Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). The tissue section was stained with ARG63319 anti-GPS1 / COPS1 antibody at 5 µg/ml dilution followed by AP-staining.



ARG63319 anti-GPS1 / COPS1 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human tonsil tissue.
Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). The tissue section was stained with ARG63319 anti-GPS1 / COPS1 antibody at 5 µg/ml dilution followed by AP-staining.