

## 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.

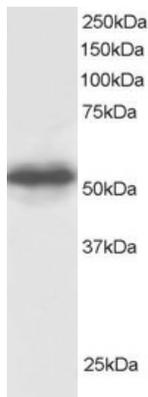
**Note** For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

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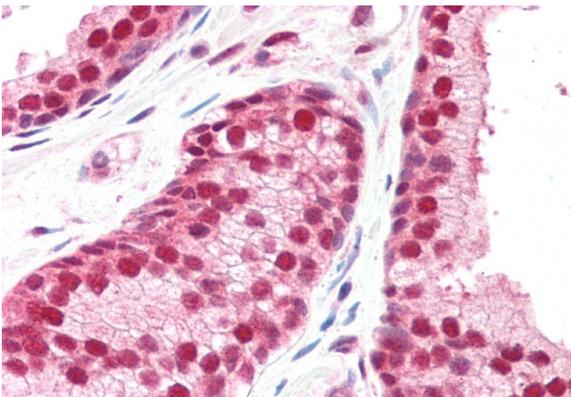
Database links	<a href="#">GeneID: 2873 Human</a> <a href="#">Swiss-port # Q13098 Human</a>
Background	This gene is known to suppress G-protein and mitogen-activated signal transduction in mammalian cells. The encoded protein shares significant similarity with Arabidopsis FUS6, which is a regulator of 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



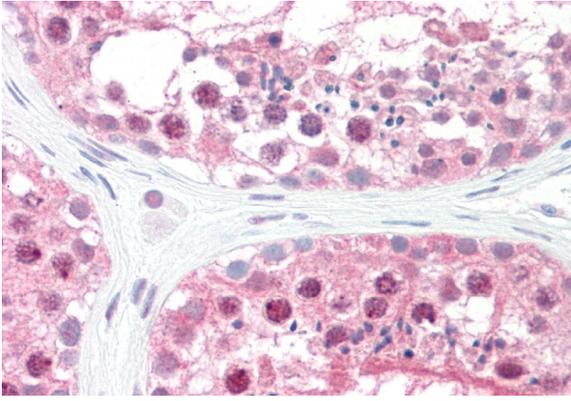
ARG63319 anti-GPS1 / COPS1 antibody WB image

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

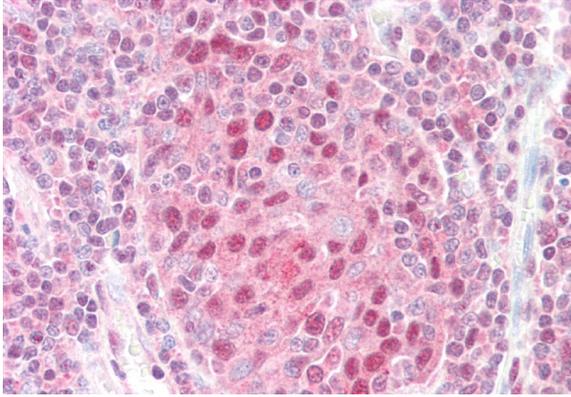
Immunohistochemistry: Paraffin-embedded Human prostate tissue. Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). The tissue section was stained with ARG63319 anti-GPS1 / COPS1 antibody at 5 µg/ml dilution followed by AP-staining.



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  $\mu$ g/ml dilution followed by AP-staining.

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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  $\mu$ g/ml dilution followed by AP-staining.

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