

## ARG63204 anti-Septin 3 antibody

Package: 100 µg  
Store at: -20°C

### Summary

Product Description	Goat Polyclonal antibody recognizes Septin 3
Tested Reactivity	Hu
Predict Reactivity	Ms, Rat, Cow, Dog, Pig
Tested Application	IHC-P, WB
Specificity	This antibody is expected to recognize both reported isoforms according to NP_663786.1 and NP_061979.3.
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	Septin 3
Species	Human
Immunogen	SELVPEPRPKPA-C
Conjugation	Un-conjugated
Alternate Names	SEP3; Neuronal-specific septin-3; bK250D10.3

### Application Instructions

Application table	Application	Dilution
	IHC-P	3 - 5 µg/ml
	WB	0.5 - 2 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

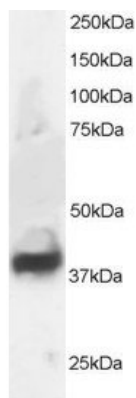
Form	Liquid
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml

<b>Storage instruction</b>	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.
<b>Note</b>	For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

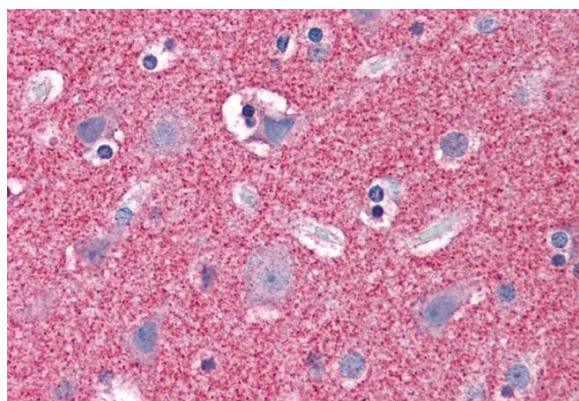
<b>Database links</b>	<a href="#">GeneID: 55964 Human</a> <a href="#">Swiss-port # Q9UH03 Human</a>
<b>Background</b>	This gene belongs to the septin family of GTPases. Members of this family are required for cytokinesis. Expression is upregulated by retinoic acid in a human teratocarcinoma cell line. The specific function of this gene has not been determined. Alternative splicing of this gene results in two transcript variants encoding different isoforms. [provided by RefSeq, Jul 2008]
<b>Research Area</b>	Cell Biology and Cellular Response antibody
<b>Calculated Mw</b>	41 kDa
<b>PTM</b>	Phosphorylated by PKG on serine residues. Phosphorylated by PKG on Ser-91 (By similarity).

## Images



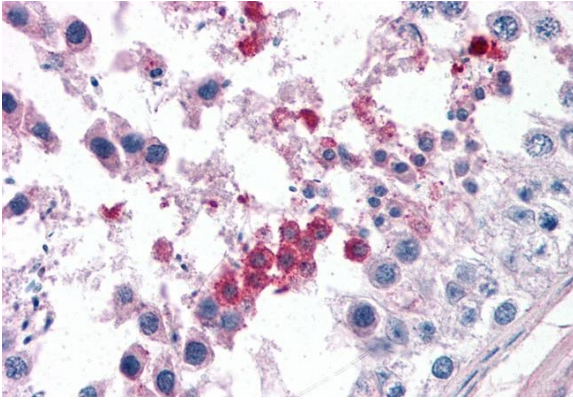
ARG63204 anti-Septin 3 antibody WB image

Western Blot: Human Brain lysate (RIPA buffer, 30µg total protein per lane) stained with ARG63204 anti-Septin 3 antibody at 1 µg/ml dilution.



ARG63204 anti-Septin 3 antibody IHC-P image

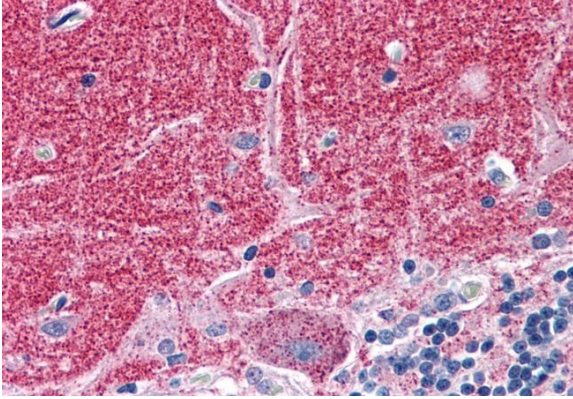
Immunohistochemistry: Paraffin-embedded Human cortex tissue. Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). The tissue section was stained with ARG63204 anti-Septin 3 antibody at 3.75 µg/ml dilution followed by AP-staining.



ARG63204 anti-Septin 3 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 ARG63204 anti-Septin 3 antibody at 3.75  $\mu$ g/ml dilution followed by AP-staining.

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ARG63204 anti-Septin 3 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human cerebellum tissue. Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). The tissue section was stained with ARG63204 anti-Septin 3 antibody at 3.75  $\mu$ g/ml dilution followed by AP-staining.

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