

ARG63204
anti-Septin 3 antibodyPackage: 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 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.

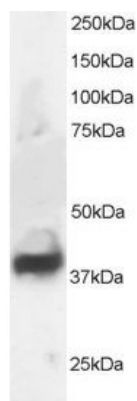
Note

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

Bioinformation

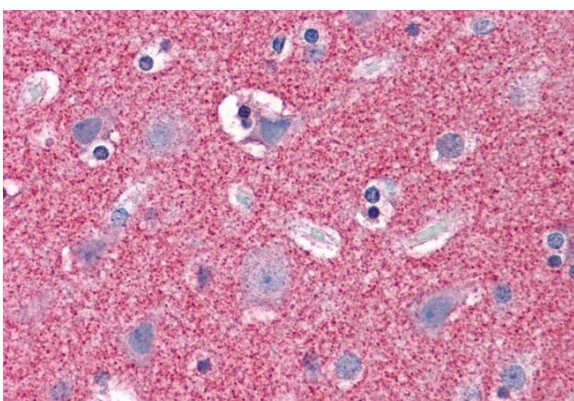
Database links	GeneID: 55964 Human Swiss-port # Q9UH03 Human
Background	This gene belongs to the septin family of GTPases. Members of this family are required for cytokinesis. Expression is upregulated by retinoic acid in a human teratocarcinoma cell line. The specific function of this gene has not been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

Images



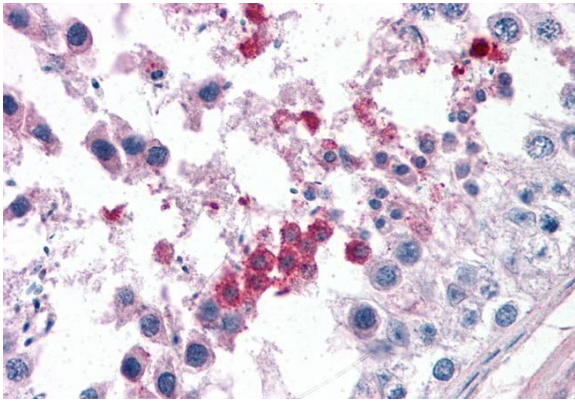
ARG63204 anti-Septin 3 antibody WB image

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



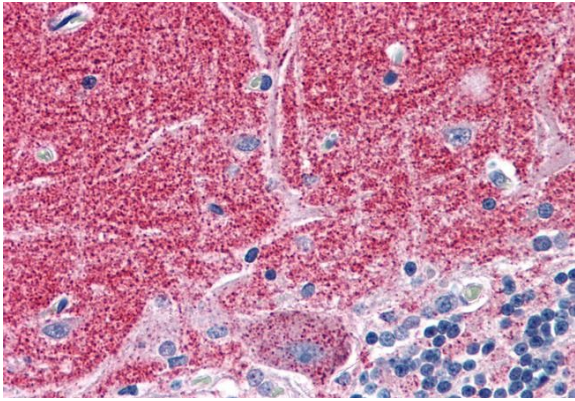
ARG63204 anti-Septin 3 antibody IHC-P image

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 µg/ml dilution followed by AP-staining.



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 µg/ml dilution followed by AP-staining.
