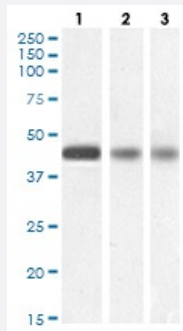


SEPT3 polyclonal antibody

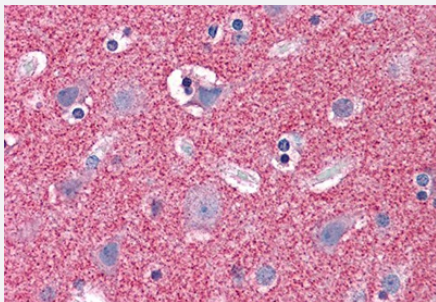
Catalog # PAB6153 Size 100 ug

Applications



Western Blot (Tissue lysate)

SEPT3 polyclonal antibody (Cat # PAB6153) (0.5 ug/mL) staining of Human Cerebellum (1), (0.1 ug/mL) Mouse (2) and (0.03 ug/mL) Rat (3) Brain lysate (35 ug protein in RIPA buffer). Detected by chemiluminescence.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

SEPT3 polyclonal antibody (Cat # PAB6153) (3.75 ug/mL) staining of paraffin embedded Human Cortex. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of SEPT3.
Immunogen	A synthetic peptide corresponding to human SEPT3.
Sequence	SELVPEPRPKPA-C
Host	Goat
Theoretical MW (kDa)	40.7, 40.1
Reactivity	Human, Mouse, Rat

Specificity	This antibody is expected to recognize both reported isoforms according to NP_663786.1 and NP_061979.2.
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	ELISA (1:32000) Immunohistochemistry (3.75 ug/mL) Western blot (0.03-0.5 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

SEPT3 polyclonal antibody (Cat # PAB6153) (0.5 ug/mL) staining of Human Cerebellum (1), (0.1 ug/mL) Mouse (2) and (0.03 ug/mL) Rat (3) Brain lysate (35 ug protein in RIPA buffer). Detected by chemiluminescence.

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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- Enzyme-linked Immunoabsorbent Assay

Gene Info — SEPT3

Entrez GeneID	55964
Protein Accession#	NP_663786.1;NP_061979.2
Gene Name	SEPT3
Gene Alias	MGC133218, SEP3, bK250D10.3

Gene Description	septin 3
Omim ID	608314
Gene Ontology	Hyperlink
Gene Summary	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]
Other Designations	OTTHUMP00000028742 neuronal-specific septin 3

Publication Reference

- [Septin 3 \(G-septin\) is a developmentally regulated phosphoprotein enriched in presynaptic nerve terminals.](#)

Xue J, Tsang CW, Gai WP, Malladi CS, Trimble WS, Rostas JA, Robinson PJ.

Journal of Neurochemistry 2004 Nov; 91(3):579.

Application: IF, WB-Ti, Rat, Brain, Intestine, Testis, Stomach, Kidney, Skeletal muscle, Pancreas, Lung, Liver, Heart, Spleen, Aorta, Adrenal gland

Disease

- [Alzheimer Disease](#)
- [Lewy Body Disease](#)
- [Parkinson Disease](#)