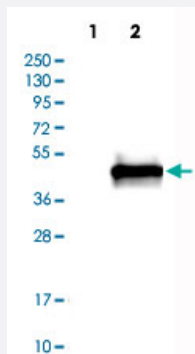


SEPT3 polyclonal antibody

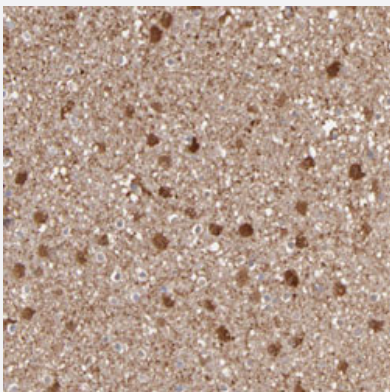
Catalog # PAB30628 Size 100 uL

Applications



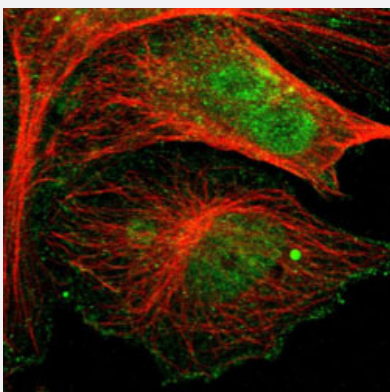
Western Blot (Transfected lysate)

Western Blot analysis of Lane 1: negative control (vector only transfected HEK293T cell lysate) and Lane 2: over-expression lysate (co-expressed with a C-terminal myc-DDK tag in mammalian HEK293T cells) with SEPT3 polyclonal antibody (Cat # PAB30628).



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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human lateral ventricle with SEPT3 polyclonal antibody (Cat # PAB30628) shows strong cytoplasmic and nuclear positivity in neuronal cells.



Immunofluorescence

Immunofluorescent staining of U-251 MG with SEPT3 polyclonal antibody (Cat # PAB30628) (Green) shows positivity in plasma membrane and nucleus but excluded from the nucleoli.

Specification

Product Description	Rabbit polyclonal antibody raised against partial recombinant human SEPT3.
Immunogen	Recombinant protein corresponding to human SEPT3.
Sequence	LSKVVNIIPIAKADTMTLEEKSEFKQVRKELEVNGIEFYQKEFDEDLEDKTENDKIRQESMPFA VVGSDKEYQVNGKRVLGRKTPWGII EVENLNHCEFALLRDFVIRTHLQDLKEVTHNIHYETYRAKRL NDNGG
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunofluorescence (1-4 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:500-1:1000) Western Blot (1:100-1:250) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide).
Storage Instruction	Store at 4°C. For long term storage 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 (Transfected lysate)

Western Blot analysis of Lane 1: negative control (vector only transfected HEK293T cell lysate) and Lane 2: over-expression lysate (co-expressed with a C-terminal myc-DDK tag in mammalian HEK293T cells) with SEPT3 polyclonal antibody (Cat # PAB30628).

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Gene Info — SEPT3

Entrez GeneID [55964](#)**Protein Accession#** [Q9UHQ3](#)**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

Disease

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