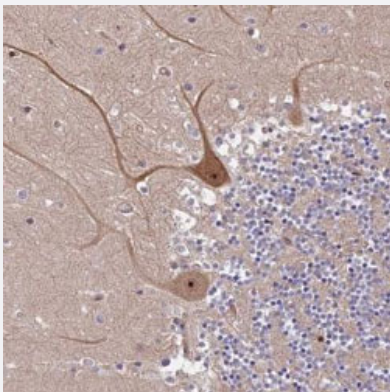


SMG6 polyclonal antibody

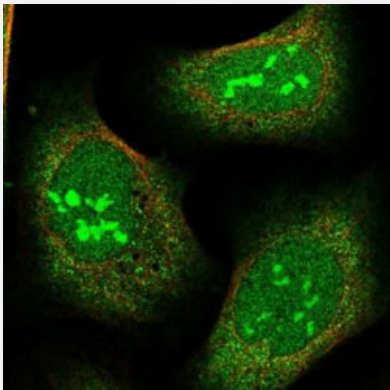
Catalog # PAB27944 Size 100 uL

Applications



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

Immunohistochemical staining of human cerebellum with SMG6 polyclonal antibody (Cat # PAB27944) shows distinct cytoplasmic and nucleolar/ nuclear positivity in Purkinje cells.



Immunofluorescence

Immunofluorescent staining of human cell line U-2 OS with SMG6 polyclonal antibody (Cat # PAB27944) at 1-4 ug/mL dilution shows positivity in nucleus, nucleoli and cytoplasm.

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant SMG6.
Immunogen	Recombinant protein corresponding to amino acids of human SMG6.
Sequence	MAEGLERVRIASASELRGILATLAPQAGSRENMKELKEARPRKDNRRPDLEIYKPLSRLRNKPKIK EPPGSEEFKDEIVNDRDCSAVENGTQPVKDVCKELNNQE QNGPIDP
Host	Rabbit
Reactivity	Human

Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:500-1:1000) Immunofluorescence (1-4 ug/mL) 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

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

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- Immunofluorescence

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Gene Info — SMG6

Entrez GeneID	23293
Gene Name	SMG6
Gene Alias	C17orf31, EST1A, KIAA0732, SMG-6
Gene Description	Smg-6 homolog, nonsense mediated mRNA decay factor (C. elegans)
Omim ID	610963
Gene Ontology	Hyperlink
Gene Summary	SMG6 is involved in nonsense-mediated mRNA decay (Fukuhara et al., 2005 [PubMed 15721257]).[supplied by OMIM]

Other Designations

EST1 telomerase component homolog A|Est1p-like|Smg-6 homolog, nonsense mediated mRNA decay factor|ever shorter telomeres 1A

Disease

- [Bipolar Disorder](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Lissencephaly](#)
- [Neuropsychological Tests](#)
- [Schizophrenia](#)
- [Ventricular Dysfunction](#)