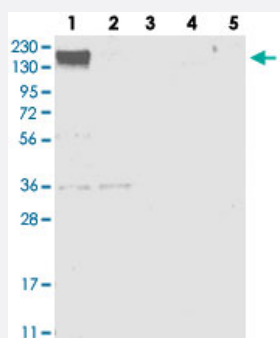


SMG7 polyclonal antibody

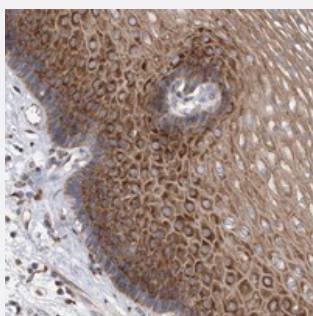
Catalog # PAB22273 Size 100 uL

Applications



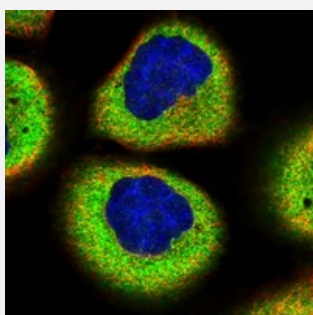
Western Blot

Western blot analysis of Lane 1: RT-4, Lane 2: U-251 MG, Lane 3: Human Plasma, Lane 4: Liver, Lane 5: Tonsil with SMG7 polyclonal antibody (Cat # PAB22273) at 1:250-1:500 dilution.



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

Immunohistochemical staining of human esophagus with SMG7 polyclonal antibody (Cat # PAB22273) shows strong cytoplasmic positivity in squamous epithelial cells at 1:50-1:200 dilution.



Immunofluorescence

Immunofluorescent staining of human cell line A-431 with SMG7 polyclonal antibody (Cat # PAB22273) at 1-4 ug/mL dilution shows positivity in cytoplasm.

Specification

Product Description

Rabbit polyclonal antibody raised against recombinant SMG7.

Immunogen

Recombinant protein corresponding to amino acids of human SMG7.

Sequence	RDFSNETEQHTYSQDEQLCWTQLLALFMSFLGILCKCPLQNESQEEESYNAYPLPAVKVSMDWLR LRPRVFQEAVVDERQYWPWLISLLNSFHPHEEDLSSISATPLPEEFELQGFLALRPSFRNLDFSK GHQGI
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:50-1:200) Western Blot (1:250-1:500) 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

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Gene Info — SMG7

Entrez GeneID [9887](#)

Protein Accession#	Q92540
Gene Name	SMG7
Gene Alias	C1orf16, EST1C, FLJ23717, KIAA0250, SGA56M, SMG-7
Gene Description	Smg-7 homolog, nonsense mediated mRNA decay factor (C. elegans)
Omim ID	610964
Gene Ontology	Hyperlink
Gene Summary	SMG7 is involved in nonsense-mediated mRNA decay (Fukuhara et al., 2005 [PubMed 15721257]).[supplied by OMIM]
Other Designations	EST1 telomerase component homolog C OTTHUMP00000033244 SMG-7 homolog breast cancer-associated antigen SGA-56M ever shorter telomeres 1C