

Rabbit anti-Human SMG7 Polyclonal Antibody | anti-SMG7 antibody

Rabbit anti-SMG7 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA223196	Rabbit	Human	Immunoprecipitation, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

SMG7; Polyclonal Antibody; Rabbit anti-SMG7 Antibody; C1orf16; EST1C; KIAA0250; Protein SMG7; EST1-like protein C; SMG-7 homolog; hSMG-7; anti-SMG7 antibody

PRODUCT SPECIFICATIONS

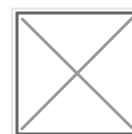
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-SMG7 antibody	IP (Immunoprecipitation), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human SMG7. The exact sequence is proprietary.
Preparation and Storage	Store at -20 degree C. Avoid repeated freeze/thaw cycles.

IMAGES



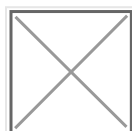
IF (Immunofluorescence)

Immunofluorescent analysis of SMG7 staining in A431 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



IHC (Immunohistochemistry)

Immunohistochemical analysis of SMG7 staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of SMG7 expression in Jurkat (A), A431 (B), HeLa (C) whole cell lysates.

ADDITIONAL INFORMATION

Product Categories/Family for anti-SMG7 antibody	Primary antibodies
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NCBI AND UNIPROT INFORMATION

NCBI GI #	291327485
NCBI GeneID	9887
NCBI Accession #	NP_001167532.1
NCBI GenBank Nucleotide #	NM_001174061.1
UniProt Accession #	Q92540; Q5T1Q0; Q6PIE0; Q7Z7H9; Q8IXC1; Q8IXC2
Molecular Weight	127,282 Da
NCBI Official Full Name	protein SMG7 isoform 5
NCBI Official Synonym Full Names	smg-7 homolog, nonsense mediated mRNA decay factor (C. elegans)
NCBI Official Symbol	SMG7
NCBI Official Synonym Symbols	EST1C; SGA56M; C1orf16
NCBI Protein Information	protein SMG7; EST1-like protein C; ever shorter telomeres 1C; EST1 telomerase component homolog C; breast cancer-associated antigen SGA-56M
UniProt Protein Name	Protein SMG7
UniProt Gene Name	SMG7
UniProt Synonym Gene Names	C1orf16; EST1C; KIAA0250; hSMG-7
UniProt Entry Name	SMG7_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/smg7-antibody-immunoprecipitation-immunofluorescence-immunohistochemistry-western-blot-elisa/223196>