

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

SMG7 Antibody

CATALOG # AAA307670	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunofluorescence, Western Blot
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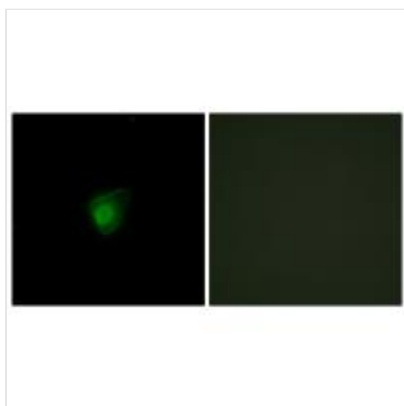
PRODUCT SYNONYMS

SMG7; Polyclonal Antibody; SMG7 Antibody; C1orf16; EST1C; KIAA0250; anti-SMG7 antibody

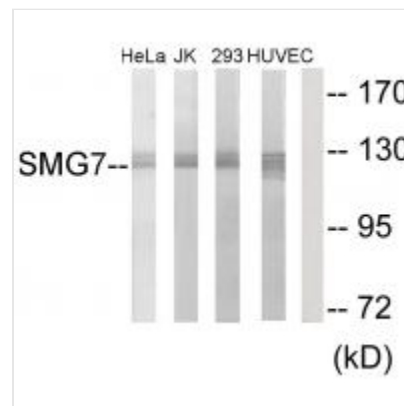
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total SMG7 protein.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	1145
Applicable Applications for anti-SMG7 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human SMG7.
Target Name	SMG7
Preparation and Storage	Store at -20 degree C

IMAGES


IF (Immunofluorescence)

Immunofluorescence analysis of HepG2 cells, using SMG7 antibody.


WB (Western Blot)

Western blot analysis of extracts from HeLa cells, Jurkat cells, 293 cells and HUVEC cells, using SMG7 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-SMG7 antibody	Plays a role in nonsense-mediated mRNA decay. Recruits UPF1 to cytoplasmic mRNA decay bodies. Together with SMG5 is thought to provide a link to the mRNA degradation machinery involving exonucleolytic pathways, and to serve as an adapter for UPF1 to protein phosphatase 2A (PP2A), thereby triggering UPF1 dephosphorylation.Ohnishi T., Mol. Cell 12:1187-1200(2003).Nagase T., DNA Res. 3:321-329(1996).Nakajima D., DNA Res. 9:99-106(2002).
Product Categories/Family for anti-SMG7 antibody	Total protein Ab

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; B4DRB2; E9PCI0; E9PEH2
Molecular Weight	127,854 Da
NCBI Official Full Name	protein SMG7 isoform 5
NCBI Official Synonym Full Names	SMG7 nonsense mediated mRNA decay factor
NCBI Official Symbol	SMG7
NCBI Official Synonym Symbols	EST1C; SGA56M; C1orf16
NCBI Protein Information	protein SMG7
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-immunofluorescence-western-blot-elisa/307670>