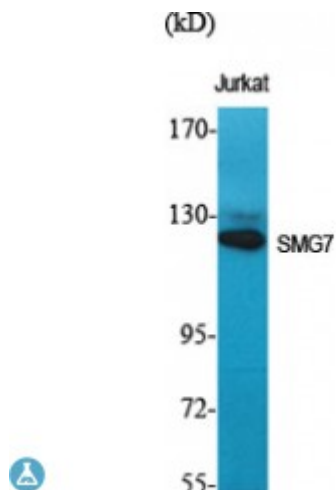


Anti-SMG7 antibody



Description	Rabbit polyclonal to SMG7.
Model	STJ95707
Host	Rabbit
Reactivity	Human
Applications	ELISA, IF, IHC, WB
Immunogen	Synthesized peptide derived from human SMG7
Immunogen Region	490-570 aa, Internal
Gene ID	9887
Gene Symbol	SMG7
Dilution range	WB 1:500-1:2000IHC 1:100-1:300IF 1:200-1:1000ELISA 1:20000
Specificity	SMG7 Polyclonal Antibody detects endogenous levels of SMG7 protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Protein SMG7 EST1-like protein C SMG-7 homolog hSMG-7
Molecular Weight	127 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG

Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:16792OMIM:610964
Alternative Names	Protein SMG7 EST1-like protein C SMG-7 homolog hSMG-7
Function	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.
Cellular Localization	Cytoplasm. Nucleus. Predominantly cytoplasmic, and nuclear. Shuttles between nucleus and cytoplasm.

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