

Immunotag™ SMG7 Antibody

Antibody Specification	
Catalog No.	ITA4263
Product Description	Immunotag™ SMG7 Antibody
Size	100 µg, 200 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	SMG7
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IF/ICC,ELISA
Recommended Dilution	WB 1:500~1:1000 IF/ICC 1:100-1:500
Concentration	1 mg/ml
Reactive Species	Human
Host Species	Rabbit
Immunogen	A synthesized peptide
Specificity	SMG7 Antibody detects endogenous levels of total SMG7
Purification	The antiserum was purified by peptide affinity chromatography.
Form	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Gene Name	SMG7
Accession No.	Q92540
Alternate Names	breast cancer-associated antigen SGA-56M; C1orf16; EST1 like protein C; EST1 telomerase component homolog C; EST1-like protein C; EST1C; ever shorter telomeres 1C; FLJ23717; hSMG-7; nonsense mediated mRNA decay factor (C. elegans); Protein SMG7; SGA56M; SMG 7; SMG-7 homolog; Smg7; SMG7_HUMAN;

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Description	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.
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	127 KD
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.