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Datasheet for ABIN7166135  
**anti-SMG7 antibody (AA 694-809) (HRP)**

### Overview

Quantity:	100 µg
Target:	SMG7
Binding Specificity:	AA 694-809
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SMG7 antibody is conjugated to HRP
Application:	ELISA

### Product Details

Immunogen:	Recombinant Human Protein SMG7 protein (694-809AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

### Target Details

Target:	SMG7
Alternative Name:	SMG7 ( <a href="#">SMG7 Products</a> )
Background:	Background: 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

## Target Details

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machinery involving exonucleolytic pathways, and to serve as an adapter for UPF1 to protein phosphatase 2A (PP2A), thereby triggering UPF1 dephosphorylation.

Aliases: breast cancer-associated antigen SGA-56M antibody, C1orf16 antibody, EST1 like protein C antibody, EST1 telomerase component homolog C antibody, EST1-like protein C antibody, EST1C antibody, ever shorter telomeres 1C antibody, FLJ23717 antibody, hSMG-7 antibody, nonsense mediated mRNA decay factor (C. elegans) antibody, Protein SMG7 antibody, SGA56M antibody, SMG 7 antibody, SMG-7 homolog antibody, Smg7 antibody, SMG7\_HUMAN antibody

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UniProt: [Q92540](#)

## Application Details

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Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

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Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.