



Datasheet for ABIN6244188  
**anti-SMG7 antibody (C-Term)**



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1 Image

Overview

Quantity:	400 µL
Target:	SMG7
Binding Specificity:	AA 896-930, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SMG7 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This SMG7 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 896-930 amino acids from the C-terminal region of human SMG7.
Clone:	RB49260
Isotype:	Ig Fraction
Predicted Reactivity:	M
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

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

## Target Details

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

**Molecular Weight:** 127282

**UniProt:** [Q92540](#)

## Application Details

**Application Notes:** WB: 1:500-1:1000

**Restrictions:** For Research Use only

## Handling

**Format:** Liquid

**Buffer:** Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

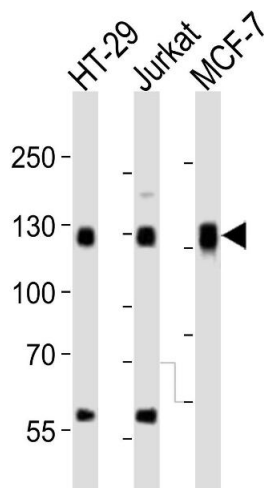
**Preservative:** Sodium azide

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

**Storage:** 4 °C, -20 °C

**Expiry Date:** 6 months

## Images



### Western Blotting

**Image 1.** Western blot analysis of lysates from HT-29, Jurkat, MCF-7 cell line (from left to right), using SMG7 Antibody (C-term) (ABIN6244188 and ABIN6577686). (ABIN6244188 and ABIN6577686) was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysates at 20 µg per lane.