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## Datasheet for ABIN7453938 anti-SMG9 antibody (AA 75-125)

### Overview

Quantity:	100 µg
Target:	SMG9
Binding Specificity:	AA 75-125
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SMG9 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP), Immunohistochemistry (Formalin-fixed Paraffin-embedded Sections) (IHC (fp))

### Product Details

Purpose:	Rabbit anti-SMG9 Antibody, Affinity Purified
Immunogen:	between AA 75 and 125
Isotype:	IgG
Predicted Reactivity:	Mouse,Rat,Bovine
Purification:	Affinity Purified

### Target Details

Target:	SMG9
Alternative Name:	SMG9 ( <a href="#">SMG9 Products</a> )

## Target Details

Background:	Background: SMG9 is a subunit of the SMG-1 complex. SMG-1 and Upf1 are part of a surveillance complex that participates in nonsense-mediated mRNA decay (NMD) to degrade mRNAs containing premature translation initiation codons (PTCs).
Gene ID:	56006
NCBI Accession:	<a href="#">NP_061981</a>
UniProt:	<a href="#">Q9H0W8</a>

## Application Details

Application Notes:	IHC: 1:2,000 - 1:10,000. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections. IP: 5 - 10 µg/mg lysate WB: Not recommended. ABIN7453938 has not performed satisfactorily when used for WB of SMG9 in crude preparations (e.g. whole cell lysate). This antibody can be used for WB of enriched (e.g. immunoprecipitated) sources of SMG9.
Restrictions:	For Research Use only

## Handling

Concentration:	1000 µg/mL
Buffer:	Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09 % 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
Expiry Date:	12 months