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Datasheet for ABIN5699364 **anti-SMG5 antibody**

Overview

Quantity:	100 µg
Target:	SMG5
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SMG5 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Smg-5 homolog, nonsense mediated mRNA decay factor (C. elegans)
Isotype:	IgG

Target Details

Target:	SMG5
Alternative Name:	SMG5 (SMG5 Products)
Background:	Synonyms:EST1 like protein B, EST1B, hSMG 5, KIAA1089, LPTS interacting protein, LPTS RP1, LPTSRP1, Protein SMG5, RP11 54H19.7, SMG 5, SMG 5 homolog, SMG5 Background:Plays a role in nonsense-mediated mRNA decay. Does not have RNase activity by itself. Promotes dephosphorylation of UPF1. Together with SMG7 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. Necessary for

Target Details

	TERT activity.
Gene ID:	23381
UniProt:	Q9UPR3

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Comment:	HeLa cells were subjected to SDS PAGE followed by western blot with FNab08025(SMG5 antibody) at dilution of 1:400
Restrictions:	For Research Use only

Handling

Buffer:	PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze / thaw cycles.
Storage:	-20 °C
Expiry Date:	12 months