

## Product datasheet for **TA362431**

### **C19orf61 (SMG9) Rabbit Polyclonal Antibody**

#### **Product data:**

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human SMG9
Specificity:	<b>Expected reactivity:</b> Human
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Concentration:	lot specific
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	57 kDa
Gene Name:	SMG9, nonsense mediated mRNA decay factor
Database Link:	<a href="#">NP_061981.2</a> <a href="#">Entrez Gene 56006 Human</a> <a href="#">Q9H0W8</a>
Background:	Involved in nonsense-mediated decay (NMD) of mRNAs containing premature stop codons. Is recruited by release factors to stalled ribosomes together with SMG1 and SMG8 (forming the SMG1C protein kinase complex) and, in the SMG1C complex, is required for the efficient association between SMG1 and SMG8. Plays a role in brain, heart, and eye development.
Synonyms:	1500002O20Rik; AI429693; N28092; RGD1309888



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## Product images:



Host: Rabbit  
Target Name: SMG9  
Sample Type: HepG2 Cell Lysate  
Antibody Dilution: 1.0µg/ml

Host: Rabbit  
Target Name: SMG9  
Sample Tissue: Human HepG2 Whole Cell lysates  
Antibody Dilution: 1ug/ml