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SMG9 Polyclonal Antibody

Cat #: ABP60446 Size: 30μl /100μl /200μl

Product Information

	Product Name: SMG9 Polyclonal Antibody		
	Applications: WB, ELISA		**Isotype:** Rabbit IgG
	Reactivity: Human, Mouse, Rat		
REF	**Catalog Number:** ABP60446	LOT	**Lot Number:** Refer to product label
	Formulation: Liquid		**Concentration:** 1 mg/ml
	Storage: Store at -20°C. Avoid repeated freeze / thaw cycles.		**Note:** Contain sodium azide.

Background: SMG9 (SMG9, Nonsense Mediated MRNA Decay Factor) is a Protein Coding gene. Diseases associated with SMG9 include Heart And Brain Malformation Syndrome. Among its related pathways are Gene Expression and Viral mRNA Translation. SMG9 encodes a regulatory subunit of the SMG1 complex, which plays a critical role in nonsense-mediated mRNA decay (NMD). Binding of the encoded protein to the SMG1 complex kinase scaffold protein results in the inhibition of its kinase activity. Mutations in SMG9 cause a multiple congenital anomaly syndrome in human patients, characterized by brain malformation, congenital heart disease and other features.

Application Notes: Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: WB (1:500-1:2000), ELISA (1:5000-1:20000).

Storage Buffer: PBS, pH 7.4, containing 0.02% Sodium Azide as preservative and 50% Glycerol.

Storage Instructions: Stable for one year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing.

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