

Datasheet for ABIN6261053
anti-SMG9 antibody (Internal Region)

2 Images

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Overview

Quantity:	100 µL
Target:	SMG9
Binding Specificity:	Internal Region
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SMG9 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	A synthesized peptide derived from human CS061, corresponding to a region within the internal amino acids.
Isotype:	IgG
Specificity:	CS061 Antibody detects endogenous levels of total CS061.
Predicted Reactivity:	Pig,Bovine,Horse,Sheep,Rabbit,Dog,Xenopus
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

Target Details

Target:	SMG9
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Target Details

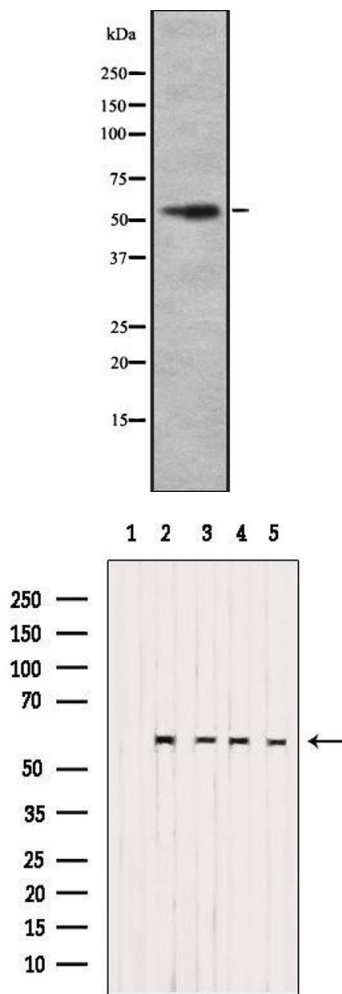
Alternative Name:	SMG9 (SMG9 Products)
Background:	<p>Description: Involved in nonsense-mediated decay (NMD) of mRNAs containing premature stop codons (PubMed:19417104). Is recruited by release factors to stalled ribosomes together with SMG1 and SMG8 (forming the SMG1C protein kinase complex) and, in the SMG1C complex, is required for the efficient association between SMG1 and SMG8 (PubMed:19417104). Plays a role in brain, heart, and eye development (By similarity).</p> <p>Gene: SMG9</p>
Molecular Weight:	58 kDa
Gene ID:	56006
UniProt:	Q9H0W8

Application Details

Application Notes:	WB 1:1000-3000, IHC 1:50-1:200, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only

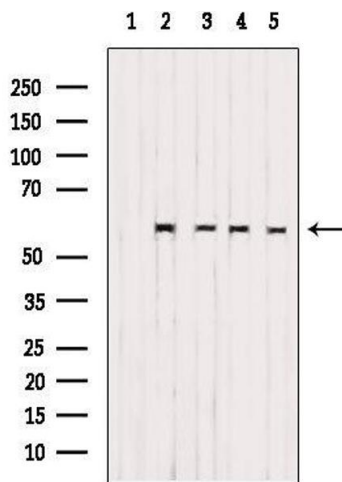
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
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:	-20 °C
Storage Comment:	Store at -20 °C. Stable for 12 months from date of receipt.
Expiry Date:	12 months



Western Blotting

Image 1. Western blot analysis of CS061 using HuvEc whole cell lysates



Western Blotting

Image 2. Western blot analysis of extracts from various samples, using CS061 Antibody. Lane 1: Mouse brain treated with blocking peptide; Lane 2: Mouse brain; Lane 3: Rat lung; Lane 4: HeLa; Lane 5: B16F10.