Datasheet for ABIN7119628

anti-SMARCAL1 antibody

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Overview

Quantity:	100 µg
Target:	SMARCAL1
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SMARCAL1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a-like 1
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

Target Details

Target:	SMARCAL1
Alternative Name:	SMARCAL1 (SMARCAL1 Products)
Background:	Synonyms:HARP Background:ATP-dependent annealing helicase that binds selectively to fork DNA relative to ssDNA or dsDNA and catalyzes the rewinding of the stably unwound DNA. Rewinds single-stranded DNA bubbles that are stably bound by replication protein A(RPA). Acts throughout the genome to reanneal stably unwound DNA, performing the opposite reaction of

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Target Details

	many enzymes, such as helicases and polymerases, that unwind DNA. May play an important role in DNA damage response by acting at stalled replication forks.
Molecular Weight:	106 kDa
Gene ID:	50485
UniProt:	Q9NZC9
Pathways:	Embryonic Body Morphogenesis

Application Details

Application Notes:	WB: 1:500-1:2000
Restrictions:	For Research Use only

Handling

Format:	Liquid
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.
Storage:	-20 °C
Storage Comment:	-20°C for 12 months (Avoid repeated freeze / thaw cycles.)
Expiry Date:	12 months

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