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Datasheet for ABIN7171063

anti-SMARCAL1 antibody (AA 6-277) (Biotin)

Overview

Quantity:	100 µg
Target:	SMARCAL1
Binding Specificity:	AA 6-277
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SMARCAL1 antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily A-like protein 1 protein (6-277AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	SMARCAL1
Alternative Name:	SMARCAL1 (SMARCAL1 Products)
Background:	Background: ATP-dependent annealing helicase that binds selectively to fork DNA relative to

Target Details

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 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.

Aliases: HARP antibody, HepA Related Protein antibody, HepA-related protein antibody, hHARP antibody, SIOD antibody, SMAL1_HUMAN antibody, SMARCA like Protein 1 antibody, smarcal1 antibody, Sucrose nonfermenting protein 2 like 1 antibody, Sucrose nonfermenting protein 2-like 1 antibody, SWI/SNF Related antibody, SWI/SNF related matrix associated actin dependent regulator of chromatin subfamily A like protein 1 antibody, SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily A-like protein 1 antibody

UniProt: [Q9NZC9](#)

Pathways: [Embryonic Body Morphogenesis](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.