

**SMARCAL1 Antibody (aa80-96)**  
**Rabbit Polyclonal Antibody**  
**Catalog # ALS11359****Specification**

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**SMARCAL1 Antibody (aa80-96) - Product Information**

Application	IHC
Primary Accession	<a href="#">Q9NZC9</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	106kDa KDa

**SMARCAL1 Antibody (aa80-96) - Additional Information****Gene ID** 50485**Other Names**

SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily A-like protein 1, 3.6.4.-, HepA-related protein, hHARP, Sucrose nonfermenting protein 2-like 1, SMARCAL1, HARP

**Target/Specificity**

aa 80-96 of human SmarCAL1 protein.

**Reconstitution & Storage**

+4°C or -20°C, Avoid repeated freezing and thawing.

**Precautions**

SMARCAL1 Antibody (aa80-96) is for research use only and not for use in diagnostic or therapeutic procedures.

**SMARCAL1 Antibody (aa80-96) - Protein Information****Name** SMARCAL1**Synonyms** HARP**Function**

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 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.

**Cellular Location**

Nucleus. Note=Recruited to damaged DNA regions

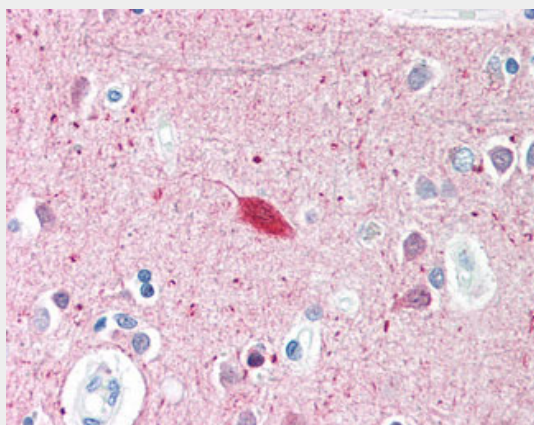
**Tissue Location**

Ubiquitously expressed, with high levels in testis.

**SMARCAL1 Antibody (aa80-96) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**SMARCAL1 Antibody (aa80-96) - Images**

Anti-SMARCAL1 antibody IHC of human brain, cortex.

**SMARCAL1 Antibody (aa80-96) - Background**

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**SMARCAL1 Antibody (aa80-96) - References**

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Boerkoel C.F., et al. Nat. Genet. 30:215-220(2002).  
Hillier L.W., et al. Nature 434:724-731(2005).  
Mural R.J., et al. Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.  
Bechtel S., et al. BMC Genomics 8:399-399(2007).