

## Product datasheet

# Anti-SmarcAL1 antibody ab115611

### 1 图像

#### 概述

产品名称	Anti-SmarcAL1 抗体
描述	兔多克隆抗体 to SmarcAL1
宿主	Rabbit
特异性	Human SmarcAL1
经测试应用	适用于: WB, IHC-P, ELISA, ICC/IF
种属反应性	与反应: Human
免疫原	Synthetic peptide: SNADQRPHDSHSFQAKG conjugated to KLH, corresponding to amino acids 80-96 of Human SmarcAL1 (NP_054859.2). <a href="#">Run BLAST with ExPASy</a> <a href="#">Run BLAST with NCBI</a>
阳性对照	Human Brain Cortex tissue.

#### 性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
存储溶液	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 0.27% Potassium phosphate, 0.88% Sodium chloride
纯度	Protein A purified
克隆	多克隆
同种型	IgG

#### 应用

Our [Abpromise guarantee](#) covers the use of **ab115611** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

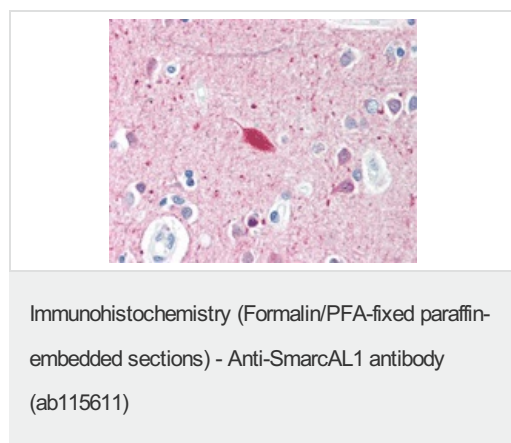
应用	Ab 评论	说明
WB		1/500 - 1/3000. Predicted molecular weight: 106 kDa.

应用	Ab评论	说明
IHC-P		Use a concentration of 5 µg/ml. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
ELISA		1/16000 - 1/64000.
ICC/IF		Use at an assay dependent concentration.

## 靶标

<b>功能</b>	ATP-dependent annealing helicase that 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.
<b>组织特异性</b>	Ubiquitously expressed, with high levels in testis.
<b>疾病相关</b>	Defects in SMARCAL1 are a cause of Schimke immuno-osseous dysplasia (SIOD) [MIM:242900]. SIOD causes spondyloepiphyseal dysplasia, renal dysfunction and T-cell immunodeficiency. Approximately half of all patients also exhibit hyperthyroidism, while around half also exhibit episodal cerebral ischemia.
<b>序列相似性</b>	Belongs to the SNF2/RAD54 helicase family. SMARCAL1 subfamily. Contains 2 HARP domains. Contains 1 helicase ATP-binding domain. Contains 1 helicase C-terminal domain.
<b>细胞定位</b>	Nucleus.

## 图片



ab115611, at 5µg/ml, staining Smarcal1 in Formalin-fixed, Paraffin-embedded Human brain cortex tissue by Immunohistochemistry followed by biotinylated secondary antibody, alkaline phosphatase-streptavidin and chromogen.

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