

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
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). Run BLAST with ExPASy Run BLAST with NCBI
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.

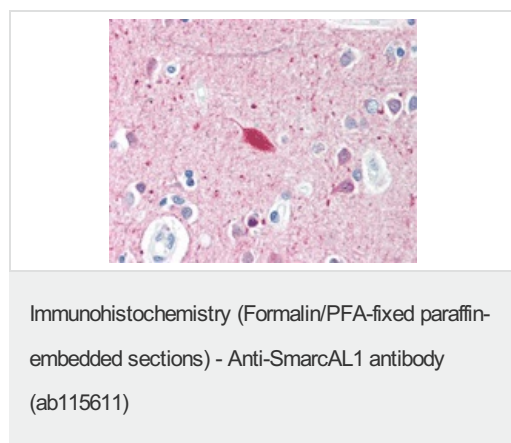
应用	Ab 评论	说明
WB		1/500 - 1/3000. Predicted molecular weight: 106 kDa.

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

功能	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.
组织特异性	Ubiquitously expressed, with high levels in testis.
疾病相关	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.
序列相似性	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.
细胞定位	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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