

DNAxPAb

Hard-to-Find
Antibody

SMARCAL1 DNAxPab

Catalog # H00050485-W01P

Size 200 ug

Specification

Product Description Rabbit polyclonal antibody raised against a full-length human SMARCAL1 DNA using DNAx™ Immune technology.

Technology [DNAx™ Immune](#)

Immunogen Full-length human DNA

Sequence MSLPLTEEQRKKIEENRQKALARRAEKLLAEQHQRRTSSGTSIAGNPFQAKQGSPSQNFPPRESCKP
VSHGVIFKQQNLSSSSSNADQRPHDSHSFQAKGMWKKEEMPTACPGHSPRSQMALTGISPPLAQ
SPPEVPKQQLLSYELGQGHAAQASPEIRFTFPANPTHKPLAKPKSSQETPAHSSGQPPRDAKLEA
KTAKASPSGQNISYIHSSSESVTPRTEGRLQQKSGSSVQKGVNSQKGKCVRNDRFQVLIGYNAE
LIAVFKTLPSKNYDPDTKTWNFSMNDYSALMKAQAQSLPTVNLQPLEWAYGSSESPSTSSEGGAG
LPSAPLSLVKGRCLISRAYFEADISYSQDLIALFKQMDSRRYDVKTRKWSFLLEEHSKLIKVR
CLPQVQLDPLPTTLTAFASQLKKTSLSLTPDVPEADLSEVDPKLVSNLMPFQRAGVNFAIAKGG
RLLLADDMGLGKTIQAICIAAFYRKEWPLLVVVPSSVRFTWEQAFLRWLPSLSPDCINVVVTGKDR
LTAGLINVSFDLLSKLEKQLKTPFKVVIDESHFLKNSRTARCRAAMPVLKVAKRVLLSGTPAMSR
PAELYTQIIAVKPTFFPQFHAFGLRYCDAKRMPWGWWDYSGSSNLGELKLLLEEAVMLRRLKSDVL
SQLPAKQRKIVVIAPGRINARTRAALDAAKEMTTKDKTKQQQKDALILFFNRTAEAKIPSVIEYILD
LESGREKFLVFAHHKVVLDAITQELERKHVQHIRIDGSTSSAEREDLCQQFQLSERHAVAVLSITA
ANMGLTFSSADLVVFAELFWNPGVLIQAEDRVHRIGQTSSVGIHYLVAKGTADDYLWPLIQEKIKVL
AEAGLSETNFSEMTSTDYLYKDPKQQKIYDLFQKSFEKEGSDMELLEAAESFDPGSASGTSGS
SSQNMGDTLDESSLTASPQKKRRFEFFDNWDSFTSPL

Host Rabbit

Reactivity Human

Purification Protein A

Quality Control Testing Antibody reactive against mammalian transfected lysate.

Storage Buffer In 1x PBS, pH 7.4

Storage Instruction Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — SMARCAL1

Entrez GeneID [50485](#)

GeneBank Accession# [NM_014140.2](#)

Protein Accession# [NP_054859.2](#)

Gene Name SMARCAL1

Gene Alias HARP, HHARP

Gene Description SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a-like 1

Omim ID [242900 606622](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene is a member of the SWI/SNF family of proteins. Members of this family have helicase and ATPase activities and are thought to regulate transcription of certain genes by altering the chromatin structure around those genes. The encoded protein shows sequence similarity to the E. coli RNA polymerase-binding protein HepA. Mutations in this gene are a cause of Schimke immunoosseous dysplasia (SIOD), an autosomal recessive disorder with the diagnostic features of spondyloepiphyseal dysplasia, renal dysfunction, and T-cell immunodeficiency. [provided by RefSeq]

Other Designations HepA-related protein|OTTHUMP00000164057|SMARCA-like protein 1|SWI/SNF-related matrix-associated actin-dependent regulator of chromatin a-like 1

Disease

- [Tobacco Use Disorder](#)