

DNAxPAb

Hard-to-Find
Antibody

SMC3 DNAxPab

Catalog # H00009126-W01P

Size 200 ug

Specification

Product Description Rabbit polyclonal antibody raised against a full-length human SMC3 DNA using DNAx™ Immune technology.

Technology [DNAx™ Immune](#)

Immunogen Full-length human DNA

Sequence MYIKQVIIQGFRSYRDQTVDPFSSKHNIVGRNGSGKSNLFYAIQFVLSDEFSHLRPEQRLALLHEG
TGPRVISAFVEIIFDNSDNRLPIDKEEVSLRRVIGAKKDQYFLDKKMVTKNDVMNLLSAGFSR SNP
YYVKQGKINQMATA PD SQRLKLLREVAGTRVYDERKEESISLMKETEGKREKINELLKYEERLHTL
EEEEKEELA QYQKWDKMRRALEYTYNQELNETRAKLDELSAKRETSGEKS RQLRDAQQDARDKM
EDIERQVRELKTKISAMKEEKEQLSAERQEQIKQRTKLELKAKDLQDELAGNSEQRKLLKERQK
LLEKIEEKQKELAE TE PKFNSVKEKEERGIARLAQATQERTDLYAKQGRGSQFTSKEERDKWIKK
ELKSLDQAINDKKRQIAAIHKDLEDTEANKEKNLEQYNKLDQDLNEVKARVEELDRKYYEVKNKKD
ELQSERNYLWREENAEQQALAAKREDLEKKQQLLRAATGKAILNGIDSINKVLDHFRRKGINQH VQ
NGYHGVMN NFCEPAFYTCVEVTAGNRLFYHVDSDDEVSTKILMEFNKMNLPG EVTFLPLNKLDV
RDTAYPETNDAIPMISKLRYNPRFDKAFKHVFGKTLICRSMEVSTQLARAF TMDCITLEGDQVSHR
GALTGGYYDTRKSRL ELQKDVRKAEEELGELEAKLNENLRRNIERINNEIDQLMNQMQQIETQQRK
FKASRDSILSEM KMLKEKRQQSEKTFMPKQ RSLQSLEASLHAMESTRESLKAELGTDLLS QLSL
EDQKRVDALNDEIRQLQQENRQLLNERIKLEGIITRVETYL NENLRKRLDQVEQELNELRETEGGTV
LTATTSELAINKRVKDTMARSEDLDNSIDKTEAGIKELQKSMERWKNMEKEHMDAINHDTKELEK
MTNRQGMLLKKKEECMKKIRELGSLPQEAFEKYQTL SLKQLFRKLEQCNT ELKKYSHV NKKALDQ
FVNFSEQKEKLIK RQEELDRGYKSIMELMNVL ELRKYEA IQLTFKQVSKNFSEVFQKLVPGGKATL
VMKKGDVEGSQSQDEGE GSGESERGSQS SVPSVDQFTGVGIRVSFTGKQGEMREM QQLS
GGQKSLVALALIFA IQKCDPAPFYLFDEIDQALDAQHRKAVSDMIMELAVHAQFITTFRPELLESA
DKFYGVKFRNKVSHIDVITAEMAKDFVEDDTTHG

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 — SMC3

Entrez GeneID	9126
GeneBank Accession#	BC047324.1
Protein Accession#	AAH47324.1
Gene Name	SMC3
Gene Alias	BAM, BMH, CDLS3, CSPG6, HCAP, SMC3L1
Gene Description	structural maintenance of chromosomes 3
Omim ID	606062 610759
Gene Ontology	Hyperlink
Gene Summary	This gene belongs to the SMC3 subfamily of SMC proteins. The encoded protein occurs in certain cell types as either an intracellular, nuclear protein or a secreted protein. The nuclear form, known as structural maintenance of chromosomes 3, is a component of the multimeric cohesin complex that holds together sister chromatids during mitosis, enabling proper chromosome segregation. Post-translational modification of the encoded protein by the addition of chondroitin sulfate chains gives rise to the secreted proteoglycan bamacan, an abundant basement membrane protein. [provided by RefSeq]
Other Designations	OTTHUMP00000020477 bamacan proteoglycan basement membrane-associated chondroitin proteoglycan chondroitin sulfate proteoglycan 6 (bamacan) chromosome-associated polypeptide

Pathway

- [Cell cycle](#)

Disease

- [Alzheimer Disease](#)
- [De Lange Syndrome](#)
- [Genetic Predisposition to Disease](#)