

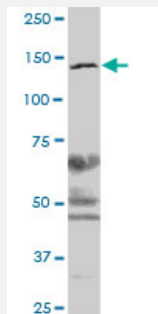
MaxPab®

CSPG6 MaxPab mouse polyclonal antibody (B01)

Catalog # H00009126-B01

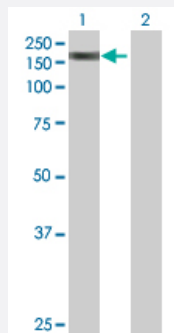
Size 50 uL

Applications



Western Blot (Tissue lysate)

CSPG6 MaxPab polyclonal antibody. Western Blot analysis of CSPG6 expression in human colon.

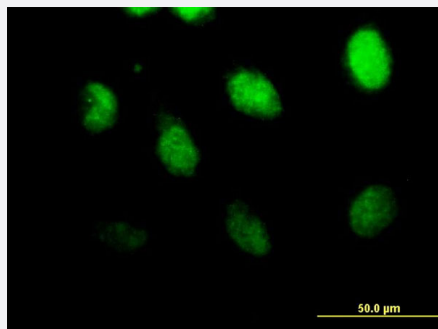


Western Blot (Transfected lysate)

Western Blot analysis of CSPG6 expression in transfected 293T cell line ([H00009126-T01](#)) by CSPG6 MaxPab polyclonal antibody.

Lane 1: CSPG6 transfected lysate(133.87 KDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to CSPG6 on HeLa cell. [antibody concentration 10 ug/ml]

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human CSPG6 protein.

Immunogen	CSPG6 (AAH47324.1, 1 a.a. ~ 1217 a.a) full-length human protein.
Sequence	MYIKQVIIQGFRSYRDQTIVDPFSSKHNVIVGRNGSGKSNLFYAIQFVLSDEFSHLRPEQRLALLHEG TGPRVISAFVEIIFDNSDNRLPIDKEEVSLRRVIGAKKDQYFLDKKMVTKNDVMNLLSAGFSR SNP YYVKQGKINQMATA PD SQRLKLLREVAGTRVYDERKEESISLMKETEGKREKINELLKYIEERLHTL EEEEKEELA QYQKWDKMRRALEYTYNQELNETRAKLDEL SAKRETSGEKSRQLRDAQQDARDKM EDIERQVRELKTKISAMKEEKEQLSAERQEIQRTKLEL KAKDLQDEL AGNSEQRKRLKERQK LLEKIEEKQKELAETEPKFNSVKEKEERGIARLAQATQERTDLYAKQGRGSQFTSKEERDKWIKK ELKSLDQAINDKKRQIAAIHKDLEDTEANKEKNLEQYNKLDQDLNEVKARVEELDRKYEVKNKKD ELQSERNYLWREENAEQQALAAKREDLEKKQQLLRAATGKAILNGIDSINKVLDHFRRKGINQH VQ NGYHGVMNNFECEPAFYTCVEVTAGNRLFYHVDSDDEVSTKILMEFNKMNLPGEVTF LPLNKL DV RDTAYPETNDAIPMISKLRYNPRFDKAFKHVFGKTLICRSMEVSTQLARAF TMD CITLEGDQVSHR GALTGGYDTRKSRLELQKDVRKAE EELGELEAKLNENLRRNIERINNEIDQLMNQM QQIETQQRK FKASRDSILSEM KMLKEKRQQSEKTFMPKQ RSLQSLEASLHAMESTRESLKAELGTDLLS QLSL EDQKRVDALNDEIRQLQQENRQLLNERIKLEGIITRVETYL NENLRKRLDQVEQELNELRETEGGTV LTATTSELEAINKRVKDTMARSEDLDNSIDKTEAGIKELQKS MERWKNMEKEHMDAINHDTKELEK MTNRQGM L LKKKEECMKKIRELGSLPQEAFEKYQTL SLKQLFRKLEQCNT ELKKYSHV NKKALDQ FVNFSEQKEKLIK RQEELDRGYKSIMELMNVL ELRKYEAIQLTFKQVSKNFSEVFQKLVP G GKATL VMKKGDVEGSQSQDEGE GSGESERGSQS SVPSVDQFTGVGIRVSFTGKQGEMREM QQLS GGQKSLVALALIFAIQKCDPAPFYLFDEIDQALDAQHRKAVSDMIMELAVHAQFITTFRPELLESA DKFYGVKFRNKVSHIDVITAEMAKDFVEDDTTHG
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (99); Rat (99)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Note	For IHC and IF applications, antibody purification with Protein A will be needed prior to use.

Applications

- Western Blot (Tissue lysate)

CSPG6 MaxPab polyclonal antibody. Western Blot analysis of CSPG6 expression in human colon.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of SMC3 expression in transfected 293T cell line ([H00009126-T01](#)) by SMC3 MaxPab polyclonal antibody.

Lane 1: CSPG6 transfected lysate(133.87 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Immunofluorescence

Immunofluorescence of [purified](#) MaxPab antibody to CSPG6 on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — SMC3

Entrez GeneID [9126](#)

GeneBank Accession# [BC047324](#)

Protein Accession# [AAH47324](#)

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](#)