

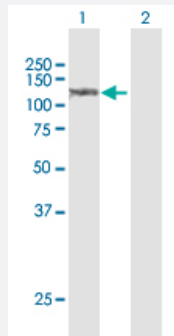
MaxPab®

SULF1 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00023213-D01P

Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of SULF1 expression in transfected 293T cell line ([H00023213-T02](#)) by SULF1 MaxPab polyclonal antibody.

Lane 1: SULF1 transfected lysate(101.00 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human SULF1 protein.

Immunogen

SULF1 (NP_055985.1, 1 a.a. ~ 871 a.a) full-length human protein.

Sequence

MKYSCCALVLAVLGTELLGSLCSTVRSPRFRGRIQQERKNIRPNILVLTDQDVELGSLQVMNKTR
KIMEHGGATFINAFVTPMCCPSRSSMLTGKYVHNHNVTNNENCSSPSWQAMHEPRTFAVYLN
NTGYRTAFFGKYLNEYNGSYIPPGWREWLGLIKNSRFYNYTVCRNGIKEKHGFDYAKDYFTDLITNE
SINYFKMSKRMYPHRPVMMVISHAAPHGPEDSAPQFSKLYPNASQHITPSYNYAPNMDKHWIMQY
TGPMLPIHMEFTNILQKRQLTMSVDDSVRLYNMLVETGELENTYIYTADHGYPHIGQFGLVKGKS
MPYDFDIRVPFFIRGPSVEPGSMPQVNLNIDLAPTILDIAGLDTPPDVDGKSVLKLLDPEKPGNRFR
TNKKAKIWRDFTLVERGKFLRKKEESSKNIQQSNHLPKYERVKELCQQARYQTACEQPGQKWQC
IEDTSGKLRIHKCKGPSDLLTVRQSTRNLYARGFHDKDKECSCRESGYRASRSQRKSQRQFLRN
QGTPKYKPRFVHTRQTRLSVEFEGEYDINLEEEELQVLQPRNIAKRHDEGHKGPRDLQASSG
GNRGRMLADSSNAVGPPPTTVRVTHKCFILPNDSIHCERELYQSARAWKDHKAYIDKEIEALQDKIK
NLREVRGHLKRRKPEECSCSKQSYNKEKGVKKQEKLSHLHPFKEAAQEVDSKLQLFKENNR
RRKKERKEKRRQRKGEECSLPLGTCFTHDNNHWQTAPFWNLGSFCACTSSNNNTYWCLRTVNE
THNFLCFEATGFLEYFDMNTDPYQLTNTVHTVERGILNQLHVQLMELRSCQGYKQCNPKNLD
VGNKDGGSYDLHRGQLWDGWEG

Host

Rabbit

Reactivity

Human

Interspecies Antigen Sequence	Mouse (92); Rat (93)
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.

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[Protocol Download](#)

Gene Info — SULF1

Entrez GeneID	23213
GeneBank Accession#	NM_015170
Protein Accession#	NP_055985.1
Gene Name	SULF1
Gene Alias	FLJ30905, FLJ38022, FLJ41750, HSULF-1, KIAA1077, SULF-1
Gene Description	sulfatase 1
Omim ID	610012
Gene Ontology	Hyperlink
Gene Summary	Heparan sulfate proteoglycans (HSPGs) act as coreceptors for numerous heparin-binding growth factors and cytokines and are involved in cell signaling. Heparan sulfate 6-O-endosulfatases, such as SULF1, selectively remove 6-O-sulfate groups from heparan sulfate. This activity modulates the effects of heparan sulfate by altering binding sites for signaling molecules (Dai et al., 2005 [PubMed 16192265]).[supplied by OMIM]
Other Designations	sulfatase FP

Disease

- [Genetic Predisposition to Disease](#)
- [Narcolepsy](#)
- [Tobacco Use Disorder](#)