

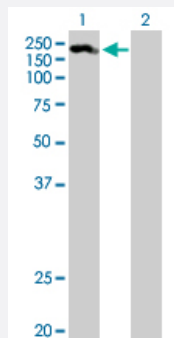
MaxPab®

JAG1 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00000182-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of JAG1 expression in transfected 293T cell line ([H00000182-T01](#)) by JAG1 MaxPab polyclonal antibody.

Lane 1: JAG1 transfected lysate(133.98 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human JAG1 protein.

Immunogen

JAG1 (NP_000205.1, 1 a.a. ~ 1218 a.a) full-length human protein.

Sequence

MRSPTRTGRSGRPLSLLLALLCALRAKVCGASGQFELEILSMQNVNGELQNGNCCGGARNPGD
RKCTRDECDTYFKVCLKEYQSRVTAGGPCSFGSGSTPVIGGNTFNLKASRGNDRNRMLPFSFA
WPRSYTLLEAWDSSNDTVQPDSIIEKASHSGMINPSRQWQTLKQNTGVAHFYQIRVTCDDYY
GFGCNKFCRPRDDFFGHYACDQNGNKTCEMGWMGPECNRAICRQGCSPKHGSKLPGDCRC
QYGWQGLYCDKCIHPGCVHGICNEPWQCLCETNWGGQLCDKDLNYCGTHQPCLNNGGTCSTN
GPDKYQCSCPEGYSGPNCIEAEHACLSDPCHNRGSKETSLSGFECECSPGWTGPTCSTNIDDC
SPNNCSHGGTCQDLVNGFKVCPPQWTGKTCQLDANECEAKPCVNAKSCKNLIASYYCDCLPG
WMGQNCIDININDCLGQCQNDASCRDLVNGYRCICPPGYAGDHCERDIDECASNPCLNNGGHCQN
EINRFQCLCPTGFSGNLCQLDIDYCEPNPCQNGAQCYNRASDYFCKCPEDYEGKNCSHLKDHCR
TTPCEVIDSCTVAMASNDTPEGVRYISSNVCGPHGKCKSQSGGKFTCDCNKGFTGTYPHENIND
CESNPCRNGGTCIDGVNSYKICSDGWEGAYCETNINDCSQNPCHNGGTCRDLVNDFYCDCKN
GWKGKTCHSRDSQCDEATCNGGTCYDEGDAFKCMCPGGWEGTTCNIARNSSCLPNPCHNG
GTCVVNGESFTCVCKEGWEGPICAQNTNDCSPHPCYNSGTCVDGDNWYRCECAPGFAGPDCR
ININECQSSPCAFGATCVDEINGYRCVCPPGHSGAKCQEVSGRPCITMGVIPDGAKWDDDCNT
CQCLNGRIACSKVWCGPRPCLLHKHGHSECPGSGQSCIPILDDQCFVHPCTGVGECRSSSLQPVK
KCTSDSYQDNCANITFTFNKEMMSPLTTEHICSELRLNILKNVSAEYSIACEPSPSANNEIHV
AISAEDIRDDGNPIKEITDKIIDLVSKRDGNSSLIAVAEVRVQRRPLKNRTDFLVPLSSVLTVAWIC
CLVTAFYWCLRRKPKGSHTHSASEDNTTNNVREQLNQIKNPIEKHGANTVPIKDYENKNSKMSKI
RTHNSEVEEDMDKHQQKARFAKQPAYTLVDRECKPPNGTPTKHPNWTNKQDNRDLESAQSLN
RMEYIV

Host Mouse

Reactivity Human

Interspecies Antigen Sequence Mouse (97); Rat (96)

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 — JAG1

Entrez GeneID [182](#)

GeneBank Accession#	NM_000214
Protein Accession#	NP_000205.1
Gene Name	JAG1
Gene Alias	AGS, AHD, AWS, CD339, HJ1, JAGL1, MGC104644
Gene Description	jagged 1 (Alagille syndrome)
Omim ID	118450 187500 601920
Gene Ontology	Hyperlink
Gene Summary	The jagged 1 protein encoded by JAG1 is the human homolog of the Drosophila jagged protein. Human jagged 1 is the ligand for the receptor notch 1, the latter a human homolog of the Drosophila jagged receptor notch. Mutations that alter the jagged 1 protein cause Alagille syndrome. Jagged 1 signalling through notch 1 has also been shown to play a role in hematopoiesis. [provided by RefSeq]
Other Designations	OTTHUMP00000030278jagged 1

Pathway

- [Notch signaling pathway](#)

Disease

- [Alagille Syndrome](#)
- [Alzheimer disease](#)
- [Brain Diseases](#)
- [CADASIL](#)
- [Cardiovascular Diseases](#)
- [Cerebral Amyloid Angiopathy](#)
- [Chromosome Deletion](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Diabetes Mellitus](#)

- [Down Syndrome](#)
- [Edema](#)
- [Fractures](#)
- [Genetic Predisposition to Disease](#)
- [Heart Defects](#)
- [Hepatitis C](#)
- [Kidney Failure](#)
- [Multiple Sclerosis](#)
- [Neuroblastoma](#)
- [Osteoporosis](#)
- [Pulmonary Valve Stenosis](#)
- [Tetralogy of Fallot](#)