

DNAxPAb

Hard-to-Find
Antibody

JAG1 DNAxPab

Catalog # H00000182-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human JAG1 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MRSPTRTGRSGRPLSLLLALLCALRAKVCASGQFELEILSMQNVNGELQNGNCCGGARNPGD RKCTRDECDTYFKVCLKEYQSRVTAGGPCSFGSGSTPVIGGNTFNLKASRGNDRNRMLPFSFA WPRSYLLVEAWDSSNDTVQPDSEIEKASHSGMINPSRQWQTLKQNTGVAHFEYQIRVTCDDYYY GFGCNKFCRPRDDFFGHYACDQNGNKTCEGWMGPECNRAICRQGCSPKHGSKLPGDCRC QYGWQGLYCDKCIPHPGCVHGICNEPWQCLCETNWGGQLCDKDLNYCGTHQPCLNGGTCSTNT GPDKYQCSCPEGYSGPNCEIAEHACLSDPCHNRGSKETSLGFECECSPGWTGPTCSTNIDDC SPNNCSHGTCQDLVNGFKVCPPQWTGKTCQLDANECEAKPCVNAKSCKNLIASYYCDCLPG WMGQNCDININDCLGQCQNDASCRDLVNGYRCICPPGYAGDHCERDIDECASNPCNLNGGHCQN EINRFQCLCPTGFSGNLCQLDIDYCEPNPCQNGAQCYNRASDYFCKCPEDYEGKNCSHLKDHCR TTPCEVIDSCTVAMASNDTPEGVRYISSNVCGPHGKCKSQSGGKFTCDCNKGFTGTYCHENIND CESNPCRNNGTCIDGVNSYKCICSDGWEGAYCETNINDCSQNPCHNGGTCRDLVNDFYCDCKN GWKGKTCHSRDSQCDEATCNGGTCYDEGDAFKCMCPGGWEGTTCNIARNSSCLPNPCHNG GTCVVNGESFTVCCKEGWEGPICAQNTNDCSPHPCYNSGTCVDGDNWYRCECAPGFAGPDCR ININECQSSPCAFGATCVDEINGYRCVCPPGHSGAKCQEVSGRPCITMGSVIPDGAKWDDDCNT CQCLNGRIACSKVWCGPRPCLLHKHGHSECPSGQSCIPILDDQCFVHPCTGVGECRSSSLQPVKT KCTSDSYQDNCANITFTFNKEMMSPLTTEHICSELRLNLILKNVSAEYSIACEPSPSANNEIHV AISAEDIRDDGNPIKEITDKIIDLVSKRDGNSSLIAA VA EVRVQRRPLKNRTDFLVP LLSSVLTVAWIC CLVTAFYWCLRKRRKPGSHTHSASEDNNTNNVREQLNQIKNPIEKHGANTVPIKDYENKNSKMSKI RTHNSEVEEDDMDKHQKARFAKQPAYTLVDREKPPNGTPTKHPNWTNKQDNRDLESAQSLN RMEYV
Host	Rabbit
Reactivity	Human
Interspecies Antigen Sequence	Mouse (97); Rat (96)
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 — JAG1

Entrez GeneID

[182](#)

GeneBank Accession#

[NM_000214.1](#)

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](#)