

ARG66132 anti-DLL4 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes DLL4
Tested Reactivity	Hu
Tested Application	ELISA
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	DLL4
Species	Human
Immunogen	HEK293 cells derived recombinant Human DLL4. (SGVFQLQLQE FINERGLAS GRPCEPGCRT FFRVCLKHFQ AVVSPGPCTF GTVSTPVLGT NSFVARDSS GGGRNPLQLP FNFTWPGTFS LIIEAWHAPG DDLRPEALPP DALISKIAIQ GSLAVGQNWL LDEQTSTLTR LRYSYRVICS DNYYGDNCSR LCKKRNDHFG HYVCQPDGNL SCLPGWTGEY CQQPICLSGC HEQNGYCSKP AECLCRPGWQ GRLCNECIPH NGCRHGTCT PWQCTCDEGW GGLFCDQDLN YCTHSPCKN GATCSNSGQR SYTTCRPGY TGVDCELELS ECDSNPCRNG GSCKDQEDGY HCLCPPGYG LHCEHSTLSC ADSPCFNGGS CRERNQGANY ACECPPNFTG SNCEKKVDRS TSNPCANGGQ CLNRGPSRMC RCRPGFTGTY CELHVSDCAR NPCAHGGTCH DLENGLMCTC PAGFSGRCE VRTSIDACAS SPCFNATCY TDLSTDTFVC NCPYGFVGSR CEFPVGLP)
Conjugation	Un-conjugated
Alternate Names	Drosophila Delta homolog 4; hdelta2; Delta4; Delta-like protein 4

Application Instructions

Application table	<table border="1"> <thead> <tr> <th>Application</th> <th>Dilution</th> </tr> </thead> <tbody> <tr> <td>ELISA</td> <td>Sandwich: 0.5 - 2.0 µg/ml with ARG66133 as a detection antibody</td> </tr> </tbody> </table>	Application	Dilution	ELISA	Sandwich: 0.5 - 2.0 µg/ml with ARG66133 as a detection antibody
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Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.				

Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	PBS (pH 7.2)
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links

[GeneID: 54567 Human](#)

[Swiss-port # Q9NR61 Human](#)

Gene Symbol

DLL4

Gene Full Name

delta-like 4 (Drosophila)

Background

This gene is a homolog of the Drosophila delta gene. The delta gene family encodes Notch ligands that are characterized by a DSL domain, EGF repeats, and a transmembrane domain. [provided by RefSeq, Jul 2008]

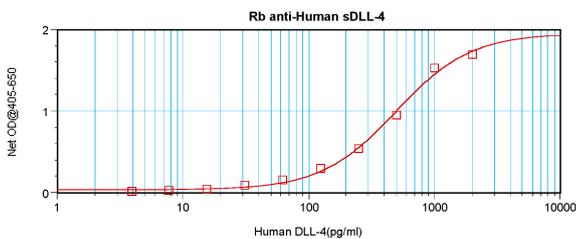
Function

Involved in the Notch signaling pathway as Notch ligand. Activates NOTCH1 and NOTCH4. Involved in angiogenesis; negatively regulates endothelial cell proliferation and migration and angiogenic sprouting. Essential for retinal progenitor proliferation is required for suppressing rod fates in late retinal progenitors as well as for proper generation of other retinal cell types. During spinal cord neurogenesis, inhibits V2a interneuron fate. [UniProt]

Calculated Mw

75 kDa

Images



ARG66132 anti-DLL4 antibody standard curve image

Sandwich ELISA: ARG66132 anti-DLL4 antibody as a capture antibody at 0.5 - 2.0 $\mu\text{g/ml}$ combined with ARG66133 anti-DLL4 antibody (Biotin) as a detection antibody. Results of a typical standard run with optical density reading at 405 - 650 nm.