

## ARG66133 anti-DLL4 antibody (Biotin)

Package: 50 µg  
Store at: 4°C

### Summary

Product Description	Biotin-conjugated 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 YCTHHSPCKN GATCSNSGQR SYTTCRPGY TGVDCELELS ECDSNPCRNG GSCKDQEDGY HCLCPPGYG LHCEHSTLSC ADSPCFNGGS CRERNQGANY ACECPPNFTG SNCEKKVDRS TSNPCANGGQ CLNRGPSRMC RCRPGFTGTY CELHVSDCAR NPCAHGGTCH DLENGLMCTC PAGFSGRCE VRTSIDACAS SPCFNATCY TDLSTDTFVC NCPYGFVGSR CEFPVGLP)
Conjugation	Biotin
Alternate Names	Drosophila Delta homolog 4; hdelta2; Delta4; Delta-like protein 4

### Application Instructions

Application table	Application	Dilution
	ELISA	Direct: 0.25 - 1.0 µg/ml Sandwich: 0.25 - 1.0 µg/ml with ARG66132 as a capture antibody
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

### Properties

Form	Liquid
Purification	Purified by affinity chromatography.
Buffer	PBS (pH 7.2)
Concentration	1 mg/ml
Storage instruction	Aliquot and store in the dark at 2-8°C. Keep protected from prolonged exposure to light. 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]

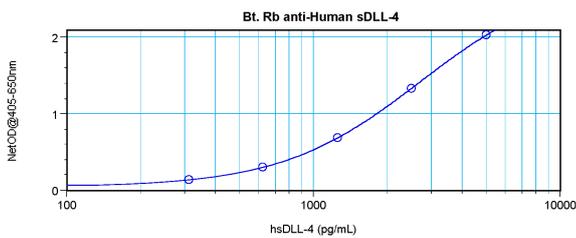
Function

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

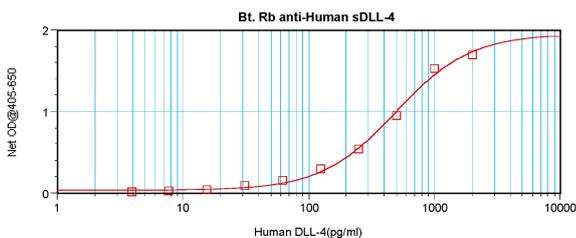
75 kDa

## Images



ARG66133 anti-DLL4 antibody (Biotin) standard curve image

Direct ELISA: ARG66133 anti-DLL4 antibody (Biotin) at 0.25 - 1.0  $\mu\text{g/ml}$  results of a typical standard run with optical density reading at 405 - 650 nm.



ARG66133 anti-DLL4 antibody (Biotin) standard curve image

Sandwich ELISA: ARG66133 anti-DLL4 antibody (Biotin) as a detection antibody at 0.25 - 1.0  $\mu\text{g/ml}$  combined with ARG66132 anti-DLL4 antibody as a capture antibody. Results of a typical standard run with optical density reading at 405 - 650 nm.