

# DLL4 Antibody (C-Term)

Purified Rabbit Polyclonal Antibody (Pab)  
Catalog # AP22277b

## Product Information

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<b>Application</b>	WB, E
<b>Primary Accession</b>	<a href="#">Q9NR61</a>
<b>Reactivity</b>	Human, Rat, Mouse
<b>Host</b>	Rabbit
<b>Clonality</b>	polyclonal
<b>Isotype</b>	Rabbit IgG
<b>Clone Names</b>	RB58016

## Additional Information

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<b>Other Names</b>	Delta-like protein 4, Drosophila Delta homolog 4, Delta4, DLL4
<b>Target/Specificity</b>	This DLL4 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 608-641 amino acids from human DLL4.
<b>Dilution</b>	WB--1:1000-1:2000 E--Use at an assay dependent concentration.
<b>Format</b>	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>Precautions</b>	DLL4 Antibody (C-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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### Background

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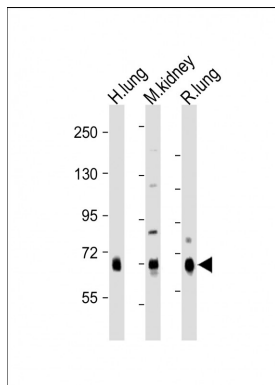
Involved in the Notch signaling pathway as Notch ligand. Activates NOTCH1 and NOTCH4. Involved in angiogenesis; negatively regulates endothelial cell proliferation and migration and angiogenic sprouting. Essential for retinal progenitor proliferation is required for suppressing rod fates in late retinal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

### References

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Shutter J.R.,et al.Genes Dev. 14:1313-1318(2000).  
Sakano S.,et al.Submitted (JAN-2000) to the EMBL/GenBank/DDBJ databases.  
Yoneya T.,et al.J. Biochem. 129:27-34(2001).  
Clark H.F.,et al.Genome Res. 13:2265-2270(2003).  
Zhang Z.,et al.Protein Sci. 13:2819-2824(2004).

## Images



All lanes : Anti-DLL4 Antibody (C-Term) at 1:1000-1:2000 dilution  
Lane 1: Human lung lysate Lane 2: Mouse kidney lysate Lane 3: Rat lung lysate  
Lysates/proteins at 20  $\mu$ g per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 75 kDa  
Blocking/Dilution buffer: 5% NFDM/TBST.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.