

## 2589 s

## **DLL4 Antibody**



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## For Research Use Only. Not for Use in Diagnostic Procedures.

<b>Applications:</b> W, IP	Reactivity:	<b>Sensitivity:</b> Endogenous	<b>MW (kDa):</b> 75-80	Source/Isotype: Rabbit	<b>UniProt ID:</b> #Q9NR61	Entrez-Gene Id: 54567
Product Usage Information		<b>Application</b> Western Blotting Immunoprecipitation			<b>Dilution</b> 1:1000 1:50	
Storage		Supplied in 10 mM soc 20°C. Do not aliquot th		5), 150 mM NaCl, 100 μg.	/ml BSA and 50% g	ycerol. Store at –
Specificity/Sensitivity		DLL4 Antibody detects endogenous levels of total DLL4 protein.				
Source / Purification		Polyclonal antibodies are produced by immunizing animals with a synthetic peptide corresponding to a region surrounding residue Leu617 of human DLL4. Antibodies are purified by protein A and peptide affinity chromatography.				
Background		Serrate, Lag2) proteins EGF-like repeats and a been identified in man Notch receptor results and the γ-secretase co nucleus where it activa suggesting a bi-directi DLL4 expression is hig	s of single-pass typ DSL domain that in nmals: Jagged1, Jac in two sequential mplex. The intrace ates transcription. onal signaling thro hly restricted to thes	ement of the Notch rece e I membrane proteins. s required for binding to gged2, Delta-like (DLL) 1 proteolytic cleavages of illular domain of Notch is Notch ligands may also lough receptor-ligand into e vascular endothelium ms in mouse (8-11). Bloc	The DSL proteins control Notch (1,2). Five Down and 4 (3). Ligance the receptor by the released and there processed in a weractions (4-6). (7), and haploinsuffice to processed in a weractions (4-6).	ontain multiple SL proteins have binding to the ADAM protease translocates to the ay similar to Notch,
Background Refe	erences	7. Shutter, J.R. et al. (20 8. Gale, N.W. et al. (200 9. Krebs, L.T. et al. (200 10. Duarte, A. et al. (20 11. Hellström, M. et al. 12. Noguera-Troise, I.	(2004) Semin. Can on Cells 24, 2437-24 o3) J. Biol. Chem. 2 roc. Natl. Acad. Sci oe, D.J. (2003) J. Bi o0) Genes Dev. 14 o4) Proc. Natl. Acad o4) Genes Dev. 18, (2007) Nature 445 et al. (2006) Nature o07) Proc. Natl. Acad	cer Biol. 14, 320-328. 47. 78, 13607-13610. . USA 100, 7638-7643. ol. Chem. 278, 34427-34. . 1313-1318. d. Sci. USA 101, 15949-15 2469-2473. . 2474-2478. of 776-780. e 444, 1032-1037. od. Sci. USA 104, 3219-32	954.	
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**Species Reactivity** 

Species reactivity is determined by testing in at least one approved application (e.g., western blot).

**Western Blot Buffer** 

IMPORTANT: For western blots, incubate membrane with diluted primary antibody in 5% w/v BSA, 1X TBS, 0.1% Tween® 20 at 4°C with gentle shaking, overnight.

**Applications Key** 

**W:** Western Blotting **IP:** Immunoprecipitation

**Cross-Reactivity Key** 

**H:** Human

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