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Rabbit Anti-DLL3 antibody

SL7860R

Product Name:	DLL3
Chinese Name:	Notch信号通路Delta样配体3抗体
Alias:	Delta Drosophila like 3; Delta like 3 Drosophila; Delta like 3 homolog Drosophila; Delta like 3 protein; Delta like protein 3 precursor; Delta3; Drosophila Delta homolog 3; SCDO1; Spondylocostal dysostosis autosomal recessive.DLL3_HUMAN
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Dog,Cow,Horse,Rabbit,
Applications:	WB=1:500-2000ELISA=1:500-1000 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	65kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human DLL3:51-150/618<Extracellular>
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	Delta-like 3 (DLL3) is a transmembrane Delta-like protein that inhibits primary neurogenesis. It may be required to divert neurons along a specific differentiation pathway and plays a role in the formation of somite boundaries during segmentation of the paraxial mesoderm. DLL3 is one of five DSL proteins that bind to the Notch receptor and activates Notch signaling.

Function:
Inhibits primary neurogenesis. May be required to divert neurons along a specific differentiation pathway. Plays a role in the formation of somite boundaries during segmentation of the paraxial mesoderm.

Subunit:
Can bind and activate Notch-1 or another Notch receptor (Probable).

Subcellular Location:
Membrane; Single-pass type I membrane protein (Probable).

Tissue Specificity:
Predominantly expressed in the neuroectoderm and paraxial mesoderm during embryogenesis.

Post-translational modifications:
Ubiquitinated by MIB (MIB1 or MIB2), leading to its endocytosis and subsequent degradation.

DISEASE:
Note=A truncating mutation in Dll3 is the cause of the pudgy (pu) phenotype. Pudgy mice exhibit patterning defects at the earliest stages of somitogenesis. Adult pudgy mice present severe vertebral and rib deformities.

Similarity:
Contains 1 DSL domain.
Contains 6 EGF-like domains.

SWISS:
Q9NYJ7

Gene ID:
10683

Database links:

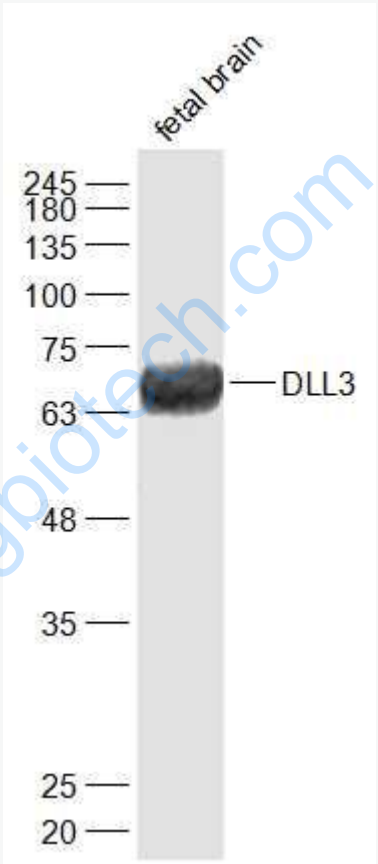
Entrez Gene: 505993 Cow

Entrez Gene: 10683 Human

Entrez Gene: 100520433 Pig

Omim: 602768 Human

SwissProt: Q9NYJ7 Human

	Unigene: 127792 Human **Important Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Picture:	 Sample: Fetal brain (Mouse) Lysate at 40 ug Primary: Anti-DLL3 (SL7860R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 65 kD Observed band size: 65 kD