

DLL3 Recombinant Rabbit mAb

Catalog # AP100311

Product Information

Application	WB, IHC-P, IHC-F, IF, IP, E
Primary Accession	Q9NYJ7
Other Accession	Q9NYJ7
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Recombinant
Calculated MW	64618
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Contains 1 DSL domain.Contains 6 EGF-like domains.
SUBUNIT	Can bind and activate Notch-1 or another Notch receptor (Probable).
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.
Background Descriptions	This gene encodes a member of the delta protein ligand family. This family functions as Notch ligands that are characterized by a DSL domain, EGF repeats, and a transmembrane domain. Mutations in this gene cause autosomal recessive spondylocostal dysostosis 1. Two transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq, Jul 2008],

Additional Information

Gene ID	10683
Other Names	SCDO1; DLL3_HUMAN; DLL3; Drosophila Delta homolog 3 (Delta3); delta like canonical Notch ligand 3; delta (Drosophila)-like 3; delta-like 3 (Drosophila); Delta-like protein 3 (Drosophila Delta homolog 3) (Delta3)
Dilution	IHC-P=1:50-200,IHC-F=1:50-200,WB=1:500-2000,IF=1:50-200,ELISA=1:5000-10000,IP=1:50-200
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. 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.

Protein Information

Name	DLL3
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 (By similarity).
Cellular Location	Membrane; Single-pass type I membrane protein

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