10320 Camino Santa Fe, Suite G
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DLL3 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP12393b

Specification

DLL3 Antibody (C-term) - Product Information

Application	**IF, WB, IHC-P-Leica,E**
Primary Accession	Q9NYJ7
Other Accession	NP_058637.1
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Antigen Region	**545-573**

DLL3 Antibody (C-term) - Additional Information

Gene ID 10683

Other Names
Delta-like protein 3, Drosophila Delta homolog 3, Delta3, DLL3

Target/Specificity
This DLL3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 545-573 amino acids from the C-terminal region of human DLL3.

Dilution
IF~~1:10~50
WB~~1:1000
IHC-P-Leica~~1:500

Format
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.

Storage
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.

Precautions
DLL3 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

DLL3 Antibody (C-term) - 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).

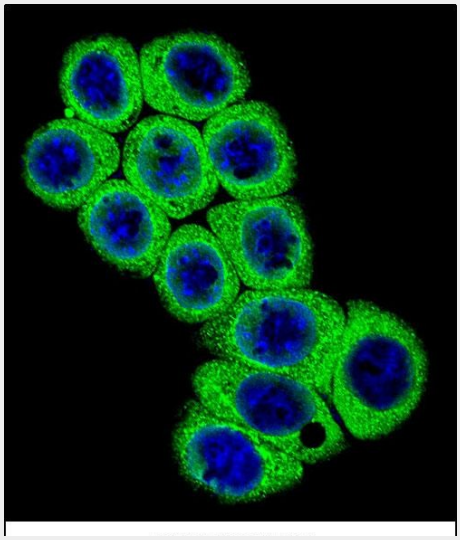
Cellular Location
Membrane; Single-pass type I membrane protein

DLL3 Antibody (C-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

DLL3 Antibody (C-term) - Images



Confocal immunofluorescent analysis of DLL3 Antibody (C-term)(Cat#AP12393b) with 293 cell followed by Alexa Fluor 488-conjugated goat anti-rabbit lgG (green). DAPI was used to stain the cell nuclear (blue).

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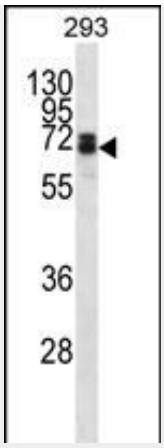
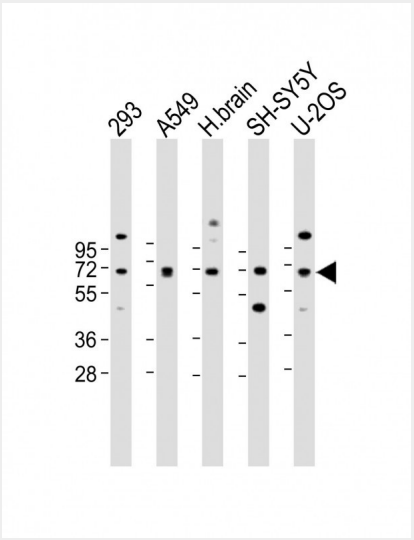
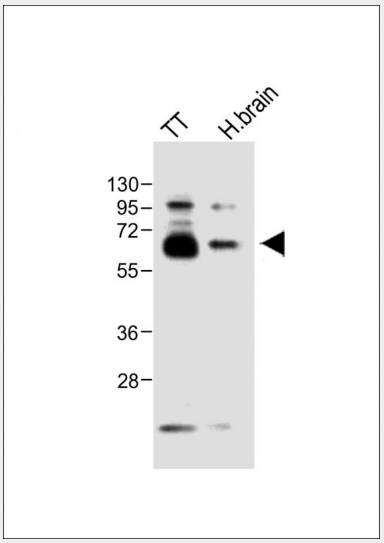


DLL3 Antibody (C-term) (Cat. #AP12393b) western blot analysis in 293 cell line lysates (35ug/lane).This demonstrates the DLL3 antibody detected the DLL3 protein (arrow).



All lanes : Anti-DLL3 Antibody (C-term) at 1:2000 dilution Lane 1: 293 whole cell lysate Lane 2: A549 whole cell lysate Lane 3: Human brain lysate Lane 4: SH-SY5Y whole cell lysate Lane 5: U-2OS whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 65 kDa Blocking/Dilution buffer: 5% NFDM/TBST.



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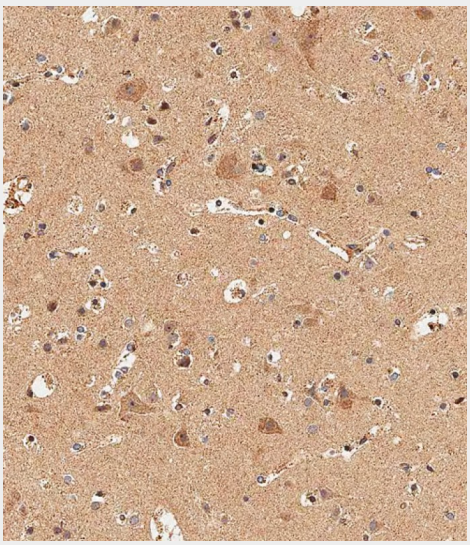
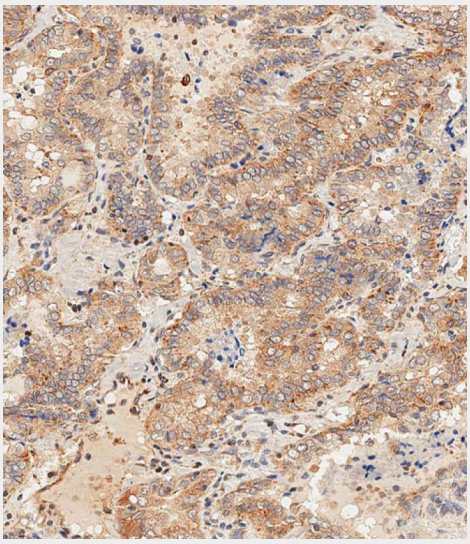


Immunohistochemical analysis of paraffin-embedded Human brain tissue using AP12393B performed on the Leica® BOND RXm. Tissue was fixed with formaldehyde at room temperature, antigen retrieval was by heat mediation with a EDTA buffer (pH9. 0). Samples were incubated with primary antibody(1:500) for 1 hours at room temperature. A undiluted biotinylated CRF Anti-Polyvalent HRP Polymer antibody was used as the secondary antibody.



Immunohistochemical analysis of paraffin-embedded Human thyroid carcinoma tissue using AP12393B performed on the Leica® BOND RXm. Tissue was fixed with formaldehyde at room temperature, antigen retrieval was by heat mediation with a EDTA buffer (pH9. 0). Samples were incubated with primary antibody(1:500) for 1 hours at room temperature. A undiluted biotinylated CRF Anti-Polyvalent HRP Polymer antibody was used as the secondary antibody.

DLL3 Antibody (C-term) - Background

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].

DLL3 Antibody (C-term) - References

Yerges, L.M., et al. J. Bone Miner. Res. 24(12):2039-2049(2009)
Heuss, S.F., et al. Proc. Natl. Acad. Sci. U.S.A. 105(32):11212-11217(2008)
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