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DLL3 Rabbit mAb

Catalog No.: A28544 **Recombinant**

Basic Information

Observed MW
65 kDa

Calculated MW
61 kDa/65 kDa

Category
Primary antibody

Applications
WB,IP,IF/ICC,IHC-P,ELISA

Cross-Reactivity
Human

CloneNo number
ARC80461

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.

Recommended Dilutions

WB	1:2000 - 1:10000
IP	0.15 μg - 0.3 μg antibody for 200 μg - 400 μg extracts of whole cells
IF/ICC	1:100 - 1:400
IHC-P	1:200 - 1:800
ELISA	Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.For high-ratio antibody dilutions (≥1:10000)a sequential dilution method is strongly recommended to ensure measurement accuracy.

Immunogen Information

Gene ID
10683

Swiss Prot
Q9NYJ7

Immunogen
Recombinant protein (or fragment).This information is considered to be commercially sensitive.

Synonyms
SCDO1

Product Information

Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.09% Sodium azide,0.05% BSA,50% glycerol,pH7.3

Contact

400-999-6126

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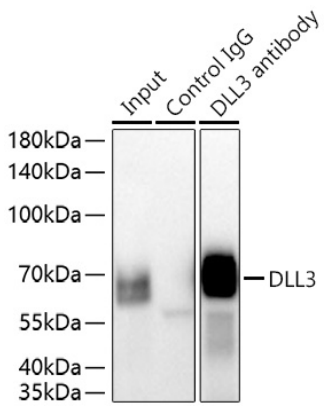
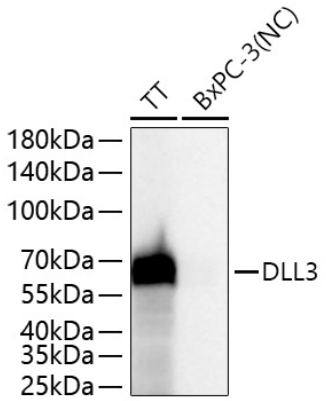
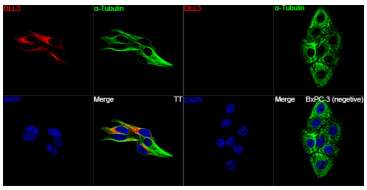
Validation Data



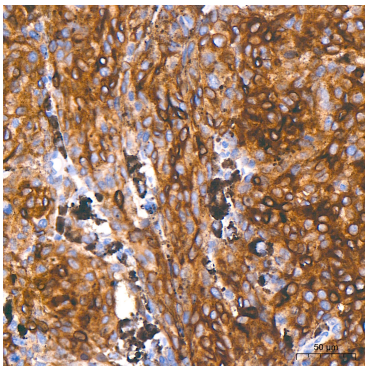
Immunoprecipitation of DLL3 from 300 µg extracts of TT cells was performed using 0.15 µg of DLL3 Rabbit mAb (A28544). Rabbit Control IgG (AC005) was used to precipitate the Control IgG sample. IP samples were eluted with 1x Laemmli Buffer. The Input lane represents 10% of the total input. Western blot analysis of immunoprecipitates was conducted using DLL3 Rabbit mAb (A28544) at a dilution of 1:5000.



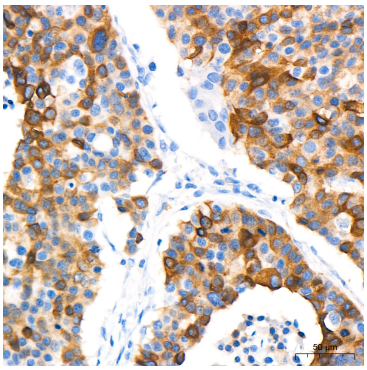
Western blot analysis of various lysates using DLL3 Rabbit mAb (A28544) at 1:5000 dilution incubated overnight at 4℃.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Negative control (NC): BxPC-3.
Exposure time: 10 s.



Confocal imaging of TT cells and BxPC-3 (negative) cells using DLL3 Rabbit mAb (A28544, dilution 1:200) followed by a further incubation with Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). The cells were counterstained with α-Tubulin Mouse mAb (AC012, dilution 1:400) followed by incubation with ABflo® 488-conjugated Goat Anti-Mouse IgG (H+L) Ab (AS076, dilution 1:500) (Green). DAPI was used for nuclear staining (Blue). Objective: 100x.

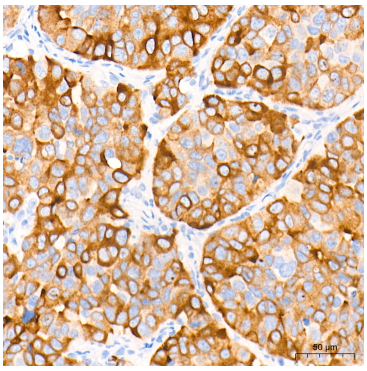


Immunohistochemistry analysis of paraffin-embedded Human malignant melanoma tissue using DLL3 Rabbit mAb (A28544) at a dilution of 1:500 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human pancreatic cancer tissue using DLL3 Rabbit mAb (A28544) at a dilution of 1:500 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.

Validation Data



Immunohistochemistry analysis of paraffin-embedded Human small cell lung cancer tissue using DLL3 Rabbit mAb (A28544) at a dilution of 1:500 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.

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