BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

Anti-DLL3 Antibody (C-term)

Catalog Number: A05871-1

About DLL3

DLL3 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.

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Overview

Product Name	Anti-DLL3 Antibody (C-term)
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-DLL3 Antibody (C-term) (Catalog # A05871-1). Tested in IHC-P-Leica, WB, IF application(s). This antibody reacts with Human, Mouse, Rat.
Application	IF, WB, IHC-P-Leica
Clonality	Polyclonal
Formulation	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Storage Instructions	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.
Host	Rabbit
Uniprot ID	Q9NYJ7

Technical Details

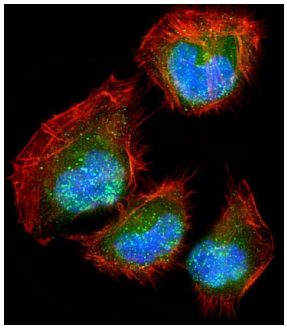
Immunogen	This DLL3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 519-548 amino acids from the C-terminal region of human DLL3.
Predicted Reactive Species	Bovine
Isotype	Rabbit IgG
Purification	This antibody is purified through a protein A column, followed by peptide affinity purification.
Suggested Dilutions	IF: 1:25

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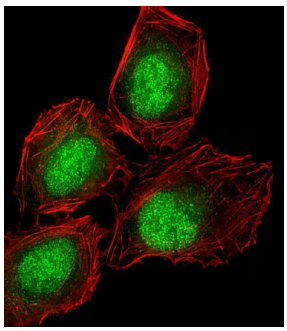
	WB: 1:2000 IHC-P-Leica: 1:500

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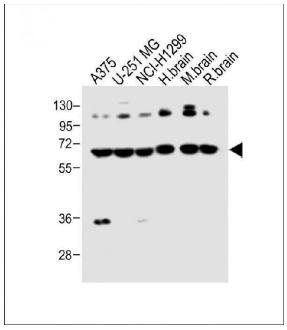
Anti-DLL3 Antibody (C-term) (A05871-1) Images



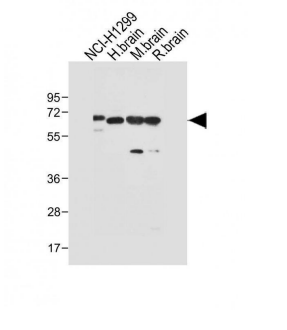
Immunofluorescent analysis of 4% paraformaldehyde-fixed, 0. 1% Triton X-100 permeabilized U-2 OS (human osteosarcoma cell line) cells labeling DLL3 with A05871-1 at 1/25 dilution, followed by Dylight® 488-conjugated goat anti-rabbit IgG secondary antibody at 1/200 dilution (green). Immunofluorescence image showing nucleus and weak cytoplasm staining on U-2 OS cell line. Cytoplasmic actin is detected with Dylight® 554 Phalloidin at 1/100 dilution (red). The nuclear counter stain is DAPI (blue).



Immunofluorescent analysis of 4% paraformaldehyde-fixed, 0. 1% Triton X-100 permeabilized U-2 OS (human osteosarcoma cell line) cells labeling DLL3 with A05871-1 at 1/25 dilution, followed by Dylight® 488-conjugated goat anti-rabbit IgG secondary antibody at 1/200 dilution (green). Immunofluorescence image showing nucleus and weak cytoplasm staining on U-2 OS cell line. Cytoplasmic actin is detected with Dylight® 554 Phalloidin at 1/100 dilution (red).



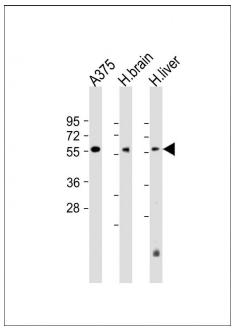
All lanes : Anti-DLL3 Antibody (C-term) at 1:1000 dilutionLane 1: A375 whole cell lysateLane 2: U-251 MG whole cell lysateLane 3: NCI-H1299 whole cell lysateLane 4: Human brain lysateLane 5: Mouse brain lysateLane 6: Rat brain lysateLysates/proteins at 20 µg per lane. SecondaryGoat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 65 kDaBlocking/Dilution buffer: 5% NFDM/TBST.

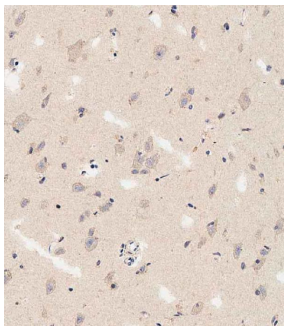


All lanes : Anti-DLL3 Antibody (C-term) at 1:1000 dilutionLane 1: NCI-H1299 whole cell lysateLane 2: Human brain tissue lysateLane 3: Mouse brain tissue lysateLane 4: Rat brain whole cell lysateLysates/proteins at 20 µg per lane. SecondaryGoat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 65 kDaBlocking/Dilution buffer: 5% NFDM/TBST.

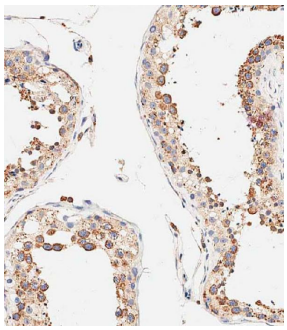
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Immunohistochemical analysis of paraffin-embedded human brain tissue using A05871-1 performed on the Leica® BOND RXm. Tissue was fixed with formaldehyde at room temperature, antigen retrieval was by heat mediation with a EDTA buffer (pH9. 0). Samples 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 testis tissue using A05871-1 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.

Anti-DLL3 Antibody (C-term)

For Research Use Only. Not for use in diagnostic procedures.