

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.

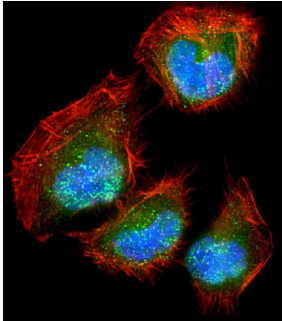
Overview

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

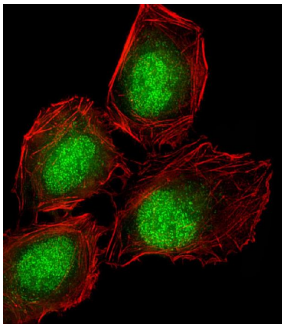
Technical Details

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	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples. Some PubMed article(s) citing the expression level of this target are as follows: Boster Bio's internal QC testing used: IF: 1:25 WB: 1:2000 IHC-P-Leica: 1:500

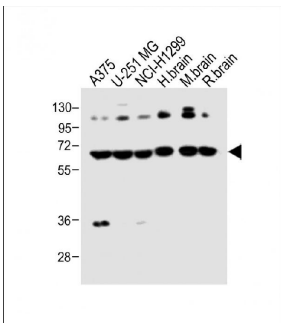
Anti-DLL3 Antibody (C-term) (A05871-1) Images



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 dilution

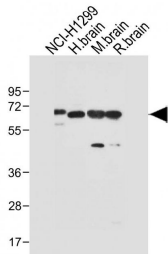
Lane 1: A375 whole cell lysate
Lane 2: U-251 MG whole cell lysate
Lane 3: NCI-H1299 whole cell lysate
Lane 4: Human brain lysate
Lane 5: Mouse brain lysate
Lane 6: Rat brain lysate
Lysates/proteins at 20 µg per lane.

Secondary

Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution.

Predicted band size : 65 kDa

Blocking/Dilution buffer: 5% NFDM/TBST.



All lanes : Anti-DLL3 Antibody (C-term) at 1:1000 dilution

Lane 1: NCI-H1299 whole cell lysate
Lane 2: Human brain tissue lysate
Lane 3: Mouse brain tissue lysate
Lane 4: Rat brain whole cell lysate
Lysates/proteins at 20 µg per lane.

Secondary

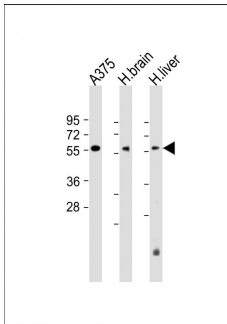
Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution.

Predicted band size : 65 kDa

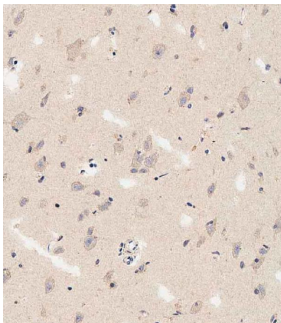
Blocking/Dilution buffer: 5% NFDM/TBST.

All lanes : Anti-DLL3 Antibody (C-term) at 1:2000 dilution

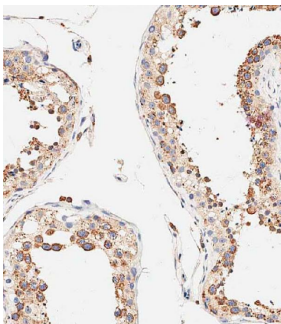
Lane 1: A375 whole cell lysate
Lane 2: human brain lysate



Lane 3: human liver 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.



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.

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