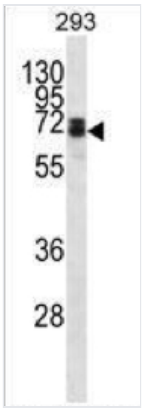
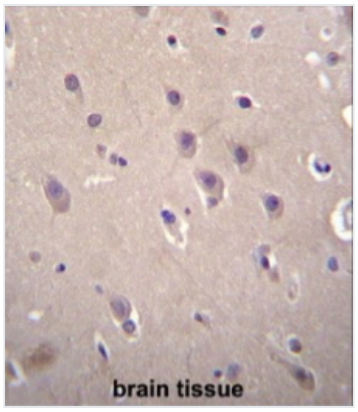
DLL3 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

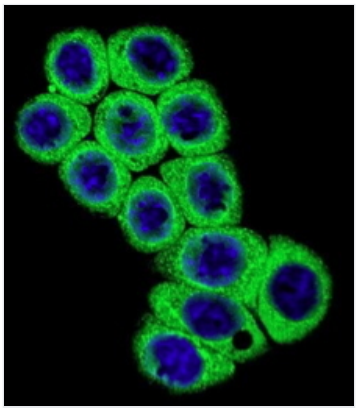
Product Name	DLL3, Polyclonal Antibody
Full Product Name	DLL3, CT (DLL3, Delta-like protein 3, Drosophila Delta homolog 3)
Product Gene Name	anti-DLL3 antibody
Product Synonym Names	Anti -DLL3, CT (DLL3, Delta-like protein 3, Drosophila Delta homolog 3)
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2, 0.09% sodium azide.
Purity/Purification	Affinity Purified Purified by Protein A affinity chromatography.
Specificity	Human
Preparation and Storage	May be stored at 4 degree C for short-term only. Aliquot to avoid repeated freezing and thawing. Store at -20 degree C. Aliquots are stable for 12 months. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
Molecular Weight	64,618 Da
Chromosome Location	Chromosome: 19; NC_000019.9 (39989557..39999121). Location: 19q13
OMIM	277300
3D Structure	ModBase 3D Structure for Q9NYJ7
Immunogen	DLL3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 552-583 amino acids from the C-terminal region of human DLL3.
Product Categories/Family for anti-DLL3 antibody	Antibodies; Abs to Notch Proteins
Applications Tested/Suitable for anti-DLL3 antibody	ELISA (EL/EIA), Western Blot (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)
Application Notes for anti-DLL3 antibody	Suitable for use in Western Blot, Immunohistochemistry, Immunofluorescence, ELISA Dilution: ELISA: 1:1,000 Western Blot: 1:100-500 Immunohistochemistry: 1:10-50 Immunofluorescence: 1:10-50
Related Product Information for anti-DLL3 antibody	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].
Other Notes	Small volumes of anti-DLL3 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for DLL3 purchase	MBS6002036 is an antibody targeting DLL3. Also known as DLL3, CT (DLL3, Delta-like protein 3, Drosophila Delta homolog 3). Reactive in Human. Host: Rabbit.



Western Blot (WB) of anti-DLL3 antibody
Western blot analysis in 293 cell line lysates (35ug/lane) using MBS6002036. This demonstrates MBS6002036 detected the DLL3 protein (arrow).



Immunohistochemistry (IHC) of anti-DLL3 antibody
Immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue using MBS6002036 followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of MBS6002036 for immunohistochemistry. Clinical relevance has not been evaluated.



Immunofluorescence (IF) of anti-DLL3 antibody
Confocal immunofluorescent analysis of 293 cell using of MBS6002036 followed by Alexa Fluor 488-conjugated goat anti-rabbit lgG (green). DAPI was used to stain the cell nuclear (blue).

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for DLL3. It may not necessarily be applicable to this product.

NCBI GI #	45243561
NCBI GeneID	10683
NCBI Accession #	NP_982353.1
UniProt Primary Accession #	Q9NYJ7
UniProt Secondary Accession #	Q8NBS4; E9PFG2
UniProt Related Accession #	Q9NYJ7
GenBank Nucleotide #	NM_203486.2
NCBI Official Full Name	delta-like protein 3 isoform 2
NCBI Official Synonym Full Names	delta-like 3 (Drosophila)
NCBI Official Symbol	DLL3
NCBI Official Synonym Symbols	SCDO1
UniProt Protein Name	Delta-like protein 3
UniProt Synonym Protein Names	Drosophila Delta homolog 3

Protein Family	Delta-like protein
UniProt Gene Name	DLL3
UniProt Synonym Gene Names	Delta3
UniProt Entry Name	DLL3_HUMAN
NCBI Protein Information	delta-like protein 3; delta3; drosophila Delta homolog 3
NCBI Summary for DLL3	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]
UniProt Comments for DLL3	DLL3: 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. Can bind and activate Notch-1 or another Notch receptor. Protein type: Membrane protein, integral; Cell development/differentiation Chromosomal Location of Human Ortholog: 19q13 Cellular Component: integral to membrane Molecular Function: Notch binding Biological Process: compartment specification; paraxial mesoderm development; Notch signaling pathway; somitogenesis; skeletal development; negative regulation of neurogenesis Disease: Spondylocostal Dysostosis 1, Autosomal Recessive
Research Articles on DLL3	**1.** DLL3 was silenced by methylation in human human hepatocellular carcinoma and it negatively regulates the growth of human hepatocellular carcinoma cells.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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