DLL4 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	DLL4, Polyclonal Antibody
Full Product Name	DLL4 Rabbit Polyclonal Antibody
Product Gene Name	anti-DLL4 antibody
Product Synonym Gene Name	DLL4, UNQ1895/PRO4341
Product Synonym Names	BH6842; Delta-like protein 4 (Drosophila Delta homolog 4)(Delta4)
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration	1mg/ml (lot specific)
Specificity	DLL4 Polyclonal Antibody detects endogenous levels of protein.
Preparation and Storage	Store at -20 degree C/1 year
Molecular Weight	74,605 Da
3D Structure	ModBase 3D Structure for Q9NR61
Immunogen	Synthesized peptide derived from part region of human protein
Modification	Unmodified/Total
Applications Tested/Suitable for anti-DLL4 antibody	Western Blot (WB), ELISA (EIA)
Application Notes for anti-DLL4 antibody	WB: 1:500-2000 ELISA: 1:5000-20000
Related Product Information for anti-DLL4 antibody	This gene is a homolog of the Drosophila delta gene. The delta gene family encodes Notch ligands that are characterized by a DSL domain, EGF repeats, and a transmembrane domain. [provided by RefSeq, Jul 2008]
Other Notes	Small volumes of anti-DLL4 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 DLL4 purchase	MBS9514243 is an antibody targeting DLL4. Also known as DLL4 Rabbit Polyclonal Antibody. Reactive in Human, Mouse. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for DLL4. It may not necessarily be applicable to this product.

NCBI GI #	9506545
NCBI GeneID	54567
NCBI Accession #	NP_061947.1

UniProt Primary Accession #	Q9NR61
UniProt Secondary Accession #	Q3KP23; Q9NQT9
UniProt Related Accession #	Q9NR61
GenBank Nucleotide #	NM_019074.4
NCBI Official Full Name	delta-like protein 4
NCBI Official Synonym Full Names	delta like canonical Notch ligand 4
NCBI Official Symbol	DLL4
NCBI Official Synonym Symbols	AOS6; delta4; hdelta2
UniProt Protein Name	Delta-like protein 4
UniProt Synonym Protein Names	Drosophila Delta homolog 4; Delta4
Protein Family	Delta-like protein
UniProt Gene Name	DLL4
UniProt Synonym Gene Names	Delta4
NCBI Protein Information	delta-like protein 4
UniProt Comments for DLL4	Involved in the Notch signaling pathway as Notch ligand (PubMed:11134954). Activates NOTCH1 and NOTCH4. Involved in angiogenesis; negatively regulates endothelial cell proliferation and migration and angiogenic sprouting (PubMed:20616313). Essential for retinal progenitor proliferation. Required for suppressing rod fates in late retinal progenitors as well as for proper generation of other retinal cell types (). During spinal cord neurogenesis, inhibits V2a interneuron fate (PubMed:17728344).
Research Articles on DLL4	**1.** The regulation of DLL4 by the LDB2 complex provides a novel mechanism of DLL4 transcriptional control that may be exploited to develop therapeutics for aberrant vascular remodeling.
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