DLL4 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP9964a

Specification

DLL4 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession   Q9NR61

DLL4 Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 54567

Other Names
Delta-like protein 4, Drosophila Delta homolog 4, Delta4, DLL4

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

DLL4 Antibody (C-term) Blocking Peptide - Protein Information

Name DLL4

Function
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 (By similarity). During spinal cord neurogenesis, inhibits V2a interneuron fate (PubMed:17728344).

Cellular Location
Cell membrane; Single-pass type I membrane protein

Tissue Location
Expressed in vascular endothelium.

DLL4 Antibody (C-term) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

DLL4 Antibody (C-term) Blocking Peptide - Images

DLL4 Antibody (C-term) Blocking Peptide - Background

DLL4 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.

DLL4 Antibody (C-term) Blocking Peptide - References

Emuss, V., et al. PLoS Pathog. 5 (10), E1000616 (2009) Ferrari-Toninelli, G., et al. Dev Neurobiol 69(6):378-391(2009)Indraccolo, S., et al. Cancer Res. 69(4):1314-1323(2009)Segarra, M., et al. Blood 112(5):1904-1911(2008)