

11-10033: Polyclonal Antibody to DLL4

Clonality :	Polyclonal
Application :	WB
Reactivity :	Human
Gene :	DLL4
Gene ID :	54567
Uniprot ID :	Q9NR61
Format :	Purified
Alternative Name :	DLL4, UNQ1895/PRO4341
Isotype :	Rabbit IgG
Immunogen Information :	A partial length recombinant DLL4 protein (amino acids 423-650) was used as the immunogen for this antibody.

Description

DLL4 (Delta-like 4), a membrane-bound Notch ligand, plays a fundamental role in vascular development and angiogenesis. It is highly expressed in capillary endothelial tip cells and is involved in suppressing neighboring stalk cells to become tip cells during angiogenesis. DLL4-Notch signaling is mediated either by direct cell-cell contact or by DLL4-containing exosomes from a distance. DLL4 signaling is extensively critical for tumor angiogenesis. Blockage of DLL4 signaling inhibits tumor growth by deregulating angiogenesis and promoting non-productive angiogenesis. Additionally, DLL4 has been shown to help regulate the cellular actions of VEGF.

Product Info

Amount :	25 µg / 100 µg
Purification :	Protein A Chromatography
Content :	25 µg in 50 µl/100 µg in 200 µl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
Storage condition :	Store the antibody at 4°C; stable for 6 months. For long-term storage; store at -20°C. Avoid repeated freeze and thaw cycles.

Application Note

Western blot analysis: 2-4 µg/ml

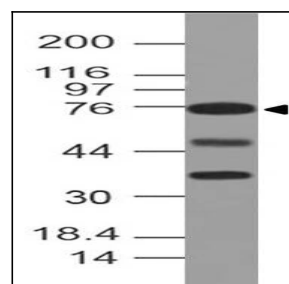


Fig-1: Expression analysis of DLL4. Anti-DLL4 antibody (11-10033) was used at 2 µg/ml on A549 lysate.