

DATASHEET

DLL4 Rabbit Polyclonal Antibody

CAT. NO. ARA6645

KEY FEATURES

Target	DLL4	Source / Host	Rabbit
Reactivity	Human, Mouse, Rat	Clonality	Polyclonal
Applications	WB	Storage	-20°C

BACKGROUND

Delta-like ligand 4 (DLL4), also known as Delta-4, is a homologue of the *Drosophila* delta protein, and functions as a transmembrane bound ligand to the notch receptor Notch1. DLL4 is expressed in the vasculature and plays a critical role in vascular development. It is induced by vascular endothelial growth factor (VEGF), as a negative feedback regulator to regulate angiogenic sprouting and promote the formulation of a differentiated vascular network. DLL4 has been found to be strongly expressed in tumor vessels of clear-cell renal tumors and bladder cancer, and inhibition of DLL4 results in increased vascular proliferation but defective maturation. This in turn leads to a decrease in tumor growth, with no apparent toxicity.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:2000
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*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

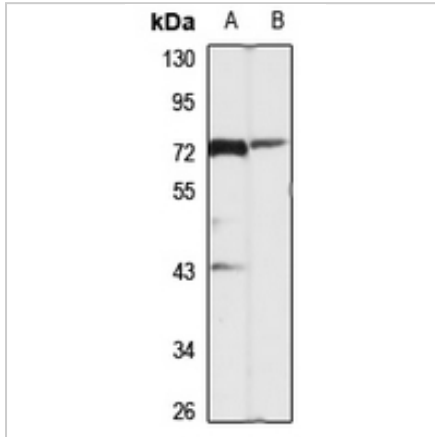
Product Description	Rabbit polyclonal antibody to DLL4
Immunogen	Recombinant fusion protein of human DLL4. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Clonality	Polyclonal
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Gene Name	DLL4
Related Names	Delta - like protein 4; <i>Drosophila</i> Delta homolog 4; Delta4
Gene ID (Human)	54567
Gene ID (Mouse)	54485
Protein ID (Human)	Q9NR61
Protein ID (Mouse)	Q9JI71

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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DATA

Western blot analysis of DLL4 expression in A431 (A), rat kidney (B) whole cell lysates.
(Predicted band size: 74 kD; Observed band size: 75 kD)

STORAGE

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.

More information: www.arexbio.com