

## DLL4 Rabbit Polyclonal Antibody

### Catalog #: EAB13829

Host/Isotype	Clonality	Applications	MW (kDa)	Reactivity
Rabbit IgG	Polyclonal	WB, IF	75	Human, Mouse, Rat

### Applications Dilutions

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

WB(Western Blotting)	1:500-2000
IF(Immunofluorescence)	1:50-300

### Product Information

Conjugate	Unconjugate
Specificity	DLL4 Rabbit Polyclonal Antibody detects endogenous levels of DLL4 protein.
Purification	Affinity purification
Concentration	1mg/ml
Format	Liquid
Formulation	In PBS, pH 7.4, Containing 0.02% sodium azide, 0.5% BSA and 50% Glycerol
Shipping	Gel Pack
Storage	Store at -20°C least 1 year from the date of shipment. Avoid repeated freeze/thaw cycles. Aliquots may be stored at +4°C for 1-2 weeks
UniProt ID	<a href="#">Q9NR61</a>
Entrez-Gene ID	<a href="#">54567</a>

### Product Description

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 formation 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.

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