

# Product datasheet for AP21750BT-N

### **DLL4 Rabbit Polyclonal Antibody**

#### **Product data:**

#### OriGene Technologies, Inc.

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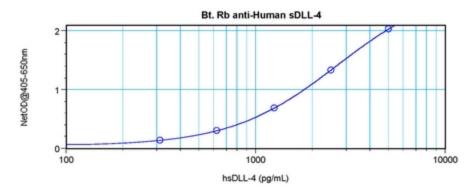
Product Type:	Primary Antibodies
Applications:	ELISA, WB
Recommended Dilution:	<ul> <li>Direct ELISA: To detect Human sDLL-4 by Direct ELISA (using 100 μl/well antibody solution) a concentration of 0.25–1.0 μg/ml of this antibody is required. This biotinylated polyclonal antibody, in conjunction with compatible secondary reagents, allows the detection of at least 0.2–0.4 ng/well of recombinant hsDLL-4.</li> <li>Sandwich ELISA: To detect Human sDLL-4 by Sandwich ELISA (using 100µl/well antibody solution) a concentration of 0.25-1.0 µg/ml of this antibody is required. This Biotin conjugated antibody, in conjunction with Affinity purified Anti-Human sDLL-4 (<i>CatNo</i> AP21750PU-N or AP21750PU-S) as a capture antibody, allows the detection of at least 0.2–0.4 ng/well of recombinant Human sDLL-4.</li> <li>Western Blot: To detect Human sDLL-4 by Western Blot analysis this antibody can be used at a concentration of 0.1-0.2 µg/ml. Used in conjunction with compatible secondary reagents the detection limit for recombinant hsDLL-4 is 1.5-3.0 ng/lane, under either reducing or non-reducing conditions.</li> </ul>
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Highly pure HEK293 cells derived Recombinant Human sDLL-4 ( <i>CatNo</i> AR31113PU-N).
Specificity:	Recognizes Human sDLL-4. Other species not tested.
Formulation:	PBS, pH 7.2 without preservatives Label: Biotin State: Lyophilized (sterile filtered) purified lg fraction
Reconstitution Method:	Centrifuge vial prior to opening. Restore in sterile PBS containing 0.1% BSA to a concentration of 0.1-1.0 mg/ml.
Purification:	Affinity Chromatography
Conjugation:	Biotin

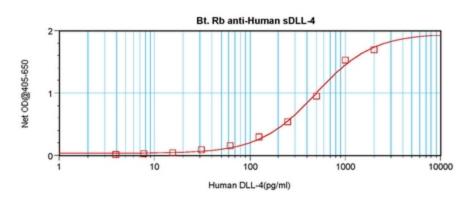


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	DLL4 Rabbit Polyclonal Antibody – AP21750BT-N
Storage:	Store lyophilized at 2-8°C for 6 months or at -20°C long term. After reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C long term. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	delta like canonical Notch ligand 4
Database Link:	<u>Entrez Gene 54567 Human</u> <u>Q9NR61</u>
Background:	DLL4 is a homolog of the Drosophila delta protein. The delta gene family encodes Notch ligands that are characterized by a DSL domain, EGF repeats, and a transmembrane domain.
Synonyms:	Delta 4, Drosophila Delta homolog 4
Protein Families	: Cancer stem cells, Druggable Genome, ES Cell Differentiation/IPS, Stem cell relevant signaling - DSL/Notch pathway, Transmembrane
Protein Pathway	vs: Notch signaling pathway

## **Product images:**





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