

Product datasheet for **AP21750BT-N**

DLL4 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, WB
Recommended Dilution:	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. 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>Cat.-No</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. 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.
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Highly pure HEK293 cells derived Recombinant Human sDLL-4 (<i>Cat.-No</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 Ig 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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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: [Entrez Gene 54567 Human Q9NR61](#)

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 Pathways: Notch signaling pathway

Product images:

