

Product datasheet for **AP21750PU-N**

DLL4 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, WB
Recommended Dilution:	Sandwich ELISA: To detect Human sDLL-4 by Sandwich ELISA (using 100µl/well antibody solution) a concentration of 0.5-2.0 µg/ml of this antibody is required. This antigen affinity purified antibody, in conjunction with Biotinylated Anti-Human sDLL-4 (AP21750BT-N or AP21750BT-S) as a detection 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 recombinant Human sDLL-4.
Specificity:	Recognizes Human sDLL-4
Formulation:	PBS, pH 7.2 without preservatives. State: Aff - Purified State: Lyophilized (sterile filtered) purified Ig fraction
Purification:	Affinity chromatography employing immobilized Human sDLL-4 matrix.
Conjugation:	Unconjugated
Storage:	Store the antibody prior to reconstitution at -20°C. Following reconstitution the antibody can be stored at 2-8°C for one month or at -20°C for longer. 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



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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