

## Product datasheet for **AP21750PU-S**

### **DLL4 Rabbit Polyclonal Antibody**

#### **Product data:**

|                       |   |
|-----------------------|---|
| Product Type:         | Primary Antibodies  |
| Applications:         | ELISA, WB   |
| Recommended Dilution: | <b>Sandwich ELISA:</b> 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.<br><b>Western Blot:</b> 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.<br>State: Aff - Purified<br>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.<br>Avoid repeated freezing and thawing.   |
| Stability:            | Shelf life: one year from despatch.   |
| Gene Name:            | delta like canonical Notch ligand 4   |
| Database Link:        | <a href="#">Entrez Gene 54567 Human Q9NR61</a>  |



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| <b>Background:</b>       | 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. |
| <b>Synonyms:</b>         | Delta 4, Drosophila Delta homolog 4   |
| <b>Protein Families:</b> | Cancer stem cells, Druggable Genome, ES Cell Differentiation/IPS, Stem cell relevant signaling - DSL/Notch pathway, Transmembrane   |
| <b>Protein Pathways:</b> | Notch signaling pathway   |