

Product datasheet for TA339016

DLL1 Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: WB

Recommended Dilution: WB, IHC

Reactivity: Human, Rat

Host: Rabbit

Isotype: IgG

Clonality: Polyclonal

Immunogen: The immunogen for anti-DLL1 antibody: synthetic peptide directed towards the N terminal of

human DLL1. Synthetic peptide located within the following region: GSRCALALAVLSALLCQVWSSGVFELKLQEFVNKKGLLGNRNCCRGGAGP

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

Concentration: lot specific

Purification: Protein A purified

Conjugation: Unconjugated

Storage: Store at -20°C as received.

Stability: Stable for 12 months from date of receipt.

Predicted Protein Size: 78 kDa

Gene Name: delta like canonical Notch ligand 1

Database Link: NP 005609

Entrez Gene 84010 RatEntrez Gene 28514 Human

<u>000548</u>

Background: DLL1 is a human homolog of the Notch Delta ligand and is a member of the

delta/serrate/jagged family. It plays a role in mediating cell fate decisions during

hematopoiesis. It may play a role in cell-to-cell communication. [provided by RefSeq, Jul 2008]

Synonyms: Delta; DELTA1; DL1



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Note: Immunogen Sequence Homology: Pig: 100%; Rat: 100%; Human: 100%; Mouse: 100%; Bovine:

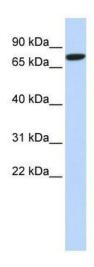
100%; Rabbit: 93%

Protein Families: Adult stem cells, Cancer stem cells, ES Cell Differentiation/IPS, Stem cell relevant signaling -

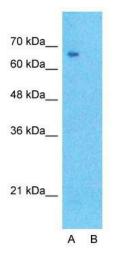
DSL/Notch pathway, Transmembrane

Protein Pathways: Notch signaling pathway

Product images:



WB Suggested Anti-DLL1 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1: 1562500; Positive Control: Hela cell lysate



Anti-DLL1 Western Blot & Peptide Block Validation

Lysate: Hela Cell

Lane A: Primary Antibody
Lane B: Primary Antibody + Blocking Peptide

Primary Antibody Concentration: 1.0µg/ml Peptide Concentration: 5.0µg/ml Lysate Quantity: 25µg/lane Gel Concentration: 12% Host: Rabbit; Target Name: DLL1; Sample Tissue: Hela; Lane A: Primary Antibody; Lane B: Primary Antibody + Blocking Peptide; Primary Antibody Concentration: 1 ug/ml; Peptide Concentration: 5 ug/ml; Lysate Quantity: 25 ug/lane/lane; Gel Concentration: 0.12