

Datasheet for ABIN761608

## **anti-DLL4 antibody (AA 551-650) (Biotin)**



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### Overview

|                      |                                                                                                                        |
|----------------------|------------------------------------------------------------------------------------------------------------------------|
| Quantity:            | 100 µL                                                                                                                 |
| Target:              | DLL4                                                                                                                   |
| Binding Specificity: | AA 551-650                                                                                                             |
| Reactivity:          | Mouse                                                                                                                  |
| Host:                | Rabbit                                                                                                                 |
| Clonality:           | Polyclonal                                                                                                             |
| Conjugate:           | This DLL4 antibody is conjugated to Biotin                                                                             |
| Application:         | ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)) |

### Product Details

|                       |                                                          |
|-----------------------|----------------------------------------------------------|
| Immunogen:            | KLH conjugated synthetic peptide derived from human DLL4 |
| Isotype:              | IgG                                                      |
| Cross-Reactivity:     | Mouse                                                    |
| Predicted Reactivity: | Human,Rat,Dog,Cow,Pig,Horse                              |
| Purification:         | Purified by Protein A.                                   |

### Target Details

|                   |                                           |
|-------------------|-------------------------------------------|
| Target:           | DLL4                                      |
| Alternative Name: | Delta 4 ( <a href="#">DLL4 Products</a> ) |

## Target Details

|             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Background: | Synonyms: hdelta2, Delta-like protein 4, Drosophila Delta homolog 4, Delta4, DLL4, UNQ1895/PRO4341<br><br>Background: Involved in the Notch signaling pathway as Notch ligand. Activates NOTCH1 and NOTCH4. Involved in angiogenesis, negatively regulates endothelial cell proliferation and migration and angiogenic sprouting. Essential for retinal progenitor proliferation is required for suppressing rod fates in late retinal progenitors as well as for proper generation of other retinal cell types. During spinal cord neurogenesis, inhibits V2a interneuron fate. |
| Gene ID:    | 54567                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| UniProt:    | <a href="#">Q9NR61</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Pathways:   | <a href="#">Notch Signaling</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

## Application Details

|                    |                                    |
|--------------------|------------------------------------|
| Application Notes: | IHC-P 1:200-400<br>IHC-F 1:100-500 |
| Restrictions:      | For Research Use only              |

## Handling

|                    |                                                                                                                    |
|--------------------|--------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                             |
| Concentration:     | 1 µg/µL                                                                                                            |
| Buffer:            | Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.        |
| Preservative:      | ProClin                                                                                                            |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only. |
| Storage:           | -20 °C                                                                                                             |
| Storage Comment:   | Store at -20°C for 12 months.                                                                                      |
| Expiry Date:       | 12 months                                                                                                          |