

Datasheet for ABIN6242279  
**anti-DLL4 antibody (AA 608-641)**



[Go to Product page](#)

1 Image

## Overview

|                      |                                     |
|----------------------|-------------------------------------|
| Quantity:            | 200 µL                              |
| Target:              | DLL4                                |
| Binding Specificity: | AA 608-641                          |
| Reactivity:          | Human, Mouse, Rat                   |
| Host:                | Rabbit                              |
| Clonality:           | Polyclonal                          |
| Conjugate:           | This DLL4 antibody is un-conjugated |
| Application:         | Western Blotting (WB)               |

## Product Details

|               |  |
|---------------|--|
| Immunogen:    | This DLL4 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 608-641 amino acids from human DLL4. |
| Clone:        | RB58015  |
| Isotype:      | Ig Fraction  |
| Purification: | This antibody is purified through a protein A column, followed by peptide affinity purification.   |

## Target Details

|                   |   |
|-------------------|---|
| Target:           | DLL4  |
| Alternative Name: | <a href="#">DLL4 (DLL4 Products)</a>  |
| Background:       | Involved in the Notch signaling pathway as Notch ligand. Activates NOTCH1 and NOTCH4. |

## Target Details

---

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.

---

Molecular Weight: 74605

---

UniProt: [Q9NR61](#)

---

Pathways: [Notch Signaling](#)

## Application Details

---

---

Application Notes: WB: 1:1000-1:2000

---

Restrictions: For Research Use only

## Handling

---

---

Format: Liquid

---

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

---

Preservative: Sodium azide

---

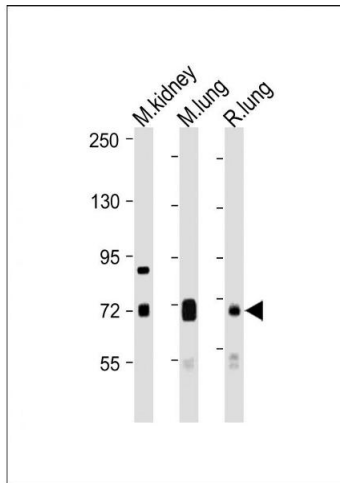
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

---

Storage: 4 °C,-20 °C

---

Expiry Date: 6 months



### Western Blotting

**Image 1.** All lanes : Anti-DLL4 Antibody (C-Term) at 1:1000-1:2000 dilution Lane 1: Mouse kidney lysate Lane 2: Mouse lung lysate Lane 3: Rat lung lysate Lysates/proteins at 20  $\mu$ g per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 75 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.