



Datasheet for ABIN7266792  
**anti-DLG2 antibody (pTyr340)**



[Go to Product page](#)

1 Image

Overview

|                      |                                     |
|----------------------|-------------------------------------|
| Quantity:            | 100 µL                              |
| Target:              | DLG2                                |
| Binding Specificity: | pTyr340                             |
| Reactivity:          | Human                               |
| Host:                | Rabbit                              |
| Clonality:           | Polyclonal                          |
| Conjugate:           | This DLG2 antibody is un-conjugated |
| Application:         | Western Blotting (WB)               |

Product Details

|                   |   |
|-------------------|---|
| Purpose:          | Phospho-PSD93/chapsyn-110/DLG2-Y340 Rabbit pAb  |
| Immunogen:        | A phospho synthetic peptide corresponding to residues surrounding Y340 of human PSD93/chapsyn-110/DLG2. |
| Isotype:          | IgG   |
| Cross-Reactivity: | Human, Mouse, Rat   |
| Characteristics:  | Phosphorylated Antibodies   |
| Purification:     | Affinity purification   |

Target Details

|         |      |
|---------|------|
| Target: | DLG2 |
|---------|------|

## Target Details

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Alternative Name: [DLG2 \(DLG2 Products\)](#)

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Background: This gene encodes a member of the membrane-associated guanylate kinase (MAGUK) family. The encoded protein forms a heterodimer with a related family member that may interact at postsynaptic sites to form a multimeric scaffold for the clustering of receptors, ion channels, and associated signaling proteins. Multiple transcript variants encoding different isoforms have been found for this gene. Additional transcript variants have been described, but their full-length nature is not known. [provided by RefSeq, Dec 2008],PPP1R58,PSD-93,PSD93,Cell Type Marker,Cell Type Marker\_Neuron marker,Cell Type Marker\_Synapse marker,Neuroscience,Protein phosphorylation,DLG2

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Gene ID: 1740

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UniProt: [Q15700](#)

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## Application Details

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Application Notes: WB,1:500 - 1:2000

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Buffer: PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.

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Preservative: Sodium azide

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

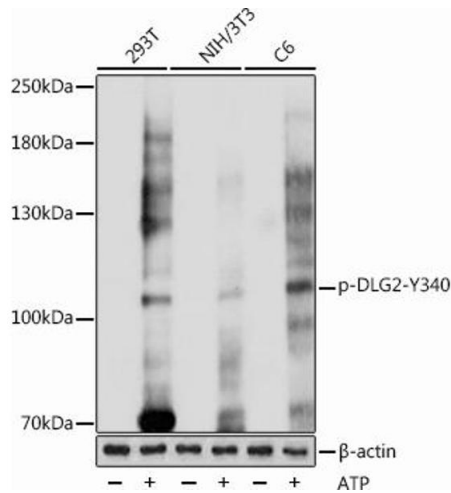
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Storage: -20 °C

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Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.

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### Western Blotting

**Image 1.** Western blot analysis of extracts of various cell lines, using Phospho-PSD93/chapsyn-110/DLG2-Y340 antibody (ABIN7266792) at 1:1000 dilution. 293T cells were treated by ATP (5 mM) at 30 °C for 1 hour. NIH/3T3 cells were treated by ATP (5 mM) at 30 °C for 1 hour. C6 cells were treated by ATP (5 mM) at 30 °C for 1 hour. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % BSA. Detection: ECL Basic Kit (RM00020). Exposure time: 1s.