



Datasheet for ABIN7138526  
**anti-NEUROD1 antibody (pSer274)**



[Go to Product page](#)

1 Image

Overview

|                      |  |
|----------------------|--|
| Quantity:            | 100 µL                                 |
| Target:              | NEUROD1                                |
| Binding Specificity: | pSer274                                |
| Reactivity:          | Human                                  |
| Host:                | Rabbit                                 |
| Clonality:           | Polyclonal                             |
| Conjugate:           | This NEUROD1 antibody is un-conjugated |
| Application:         | Western Blotting (WB), ELISA           |

Product Details

|                   |  |
|-------------------|--|
| Immunogen:        | Peptide sequence around phosphorylation site of Serine 274(P-L-S(p)-P-P) derived from Human Neuro D.   |
| Isotype:          | IgG  |
| Cross-Reactivity: | Human, Mouse, Rat  |
| Purification:     | Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using |

Target Details

|                   |  |
|-------------------|--|
| Target:           | NEUROD1                                      |
| Alternative Name: | NEUROD1 ( <a href="#">NEUROD1 Products</a> ) |

## Target Details

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|             |  |
|-------------|--|
| Background: | <p>Background:</p> <p>NeuroD Acts as a differentiation factor during neurogenesis. Transcriptional activator. Binds to the insulin gene E-box.</p> <p>Tamimi R., Genomics 34:418-421(1996).</p> <p>Yokoyama M., Brain Res. Mol. Brain Res. 42:135-139(1996).</p> <p>Miyachi T., Brain Res. Mol. Brain Res. 69:223-231(1999).</p> <p>Aliases: atonal antibody, basic helix loop helix transcription factor antibody, BETA 2 antibody, Beta cell E box transactivator 2 antibody, BETA2 antibody, BHF 1 antibody, BHF1 antibody, bHLHa3 antibody, class A basic helix loop helix protein 3 antibody, Class A basic helix-loop-helix protein 3 antibody, MODY 6 antibody, MODY6 antibody, NDF1_HUMAN antibody, NeuroD antibody, NeuroD1 antibody, Neurogenic differentiation 1 antibody, Neurogenic differentiation factor 1 antibody, neurogenic helix loop helix protein NEUROD antibody, Neuronal differentiation 1 antibody</p> |
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|          |                        |
|----------|------------------------|
| UniProt: | <a href="#">Q13562</a> |
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|-----------|--|
| Pathways: | <a href="#">Dopaminergic Neurogenesis</a> , <a href="#">Hormone Transport</a> , <a href="#">Carbohydrate Homeostasis</a> |
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## Application Details

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|                    |                  |
|--------------------|------------------|
| Application Notes: | WB:1:500-1:1000, |
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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: | Rabbit IgG in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol. |
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|               |              |
|---------------|--------------|
| Preservative: | Sodium azide |
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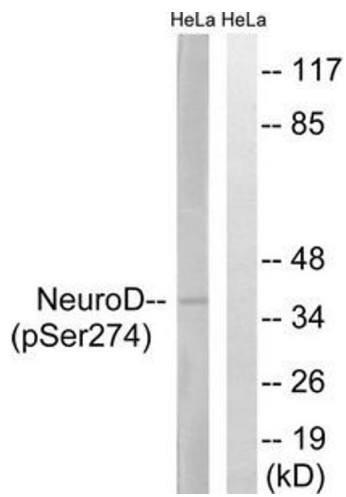
|                    |  |
|--------------------|--|
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
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|          |               |
|----------|---------------|
| Storage: | -20 °C,-80 °C |
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|                  |   |
|------------------|---|
| Storage Comment: | Upon receipt, store at -20°C or -80°C. Avoid repeated freeze. |
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### Western Blotting

**Image 1.** Western blot analysis of extracts from HeLa cells treated with UV using Neuro D (Phospho-Ser274) Antibody. The lane on the right is treated with the antigen-specific peptide.