

# Product Datasheet

## PRODH Antibody NBP2-27548

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

[www.novusbio.com](http://www.novusbio.com)



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### Publications: 1

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**NBP2-27548****PRODH Antibody**

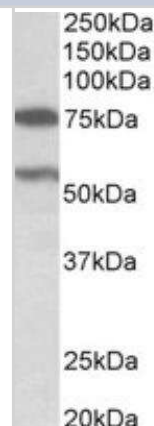
| Product Information |                                                        |
|---------------------|--------------------------------------------------------|
| Unit Size           | 0.1 mg                                                 |
| Concentration       | 0.5 mg/ml                                              |
| Storage             | Store at -20C. Avoid freeze-thaw cycles.               |
| Clonality           | Polyclonal                                             |
| Preservative        | 0.02% Sodium Azide                                     |
| Isotype             | IgG                                                    |
| Purity              | Immunogen affinity purified                            |
| Buffer              | Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA |

| Product Description     |                                                                                                                                                                                                                                 |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description             | Novus Biologicals Goat PRODH Antibody (NBP2-27548) is a polyclonal antibody validated for use in WB and ELISA. Anti-PRODH Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| Host                    | Goat                                                                                                                                                                                                                            |
| Gene ID                 | 5625                                                                                                                                                                                                                            |
| Gene Symbol             | PRODH                                                                                                                                                                                                                           |
| Species                 | Human                                                                                                                                                                                                                           |
| Specificity/Sensitivity | This antibody is expected to recognize both reported isoforms (NP_057419.4; NP_001182155.1).                                                                                                                                    |
| Immunogen               | Peptide with sequence C-EDQESIQPLLRHYR corresponding to internal region according to NP_057419.4, NP_001182155.1.                                                                                                               |

| Product Application Details |                                                                                                                                                                                                                    |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Applications                | Western Blot, Peptide ELISA                                                                                                                                                                                        |
| Recommended Dilutions       | Western Blot 0.3-1 ug/ml, Peptide ELISA Detection limit 1:16000                                                                                                                                                    |
| Application Notes           | WB: Approx. 75+55 kDa band bands observed in human brain (cerebellum and substantia nigra) lysates (calculated MW of 68.0 kDa kDa band according to NP_057419.4 and of 56.2 kDa band according to NP_001182155.1). |

**Images**

Western Blot: PRODH Antibody [NBP2-27548] - (0.3 ug/ml) Analysis of Human Cerebellum lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

**Publications**

Li T, Ma X, Hu X et al. PRODH gene is associated with executive function in schizophrenic families. Am J Med Genet B Neuropsychiatr Genet 2008-07-05 [PMID: 18163391]



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### **Products Related to NBP2-27548**

|                    |                                                                        |
|--------------------|------------------------------------------------------------------------|
| HAF017             | Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)] |
| HAF109             | Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)] |
| NB410-28088-1mg    | Goat IgG Isotype Control                                               |
| H00005625-Q01-10ug | Recombinant Human PRODH GST (N-Term) Protein                           |

### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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