# Product Datasheet

## Nicotinic Acetylcholine Receptor beta 2 Antibody
## NBP1-28467

Unit Size: 0.1 mg

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

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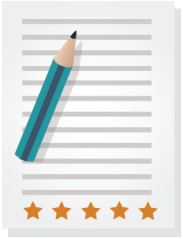


# NBP1-28467

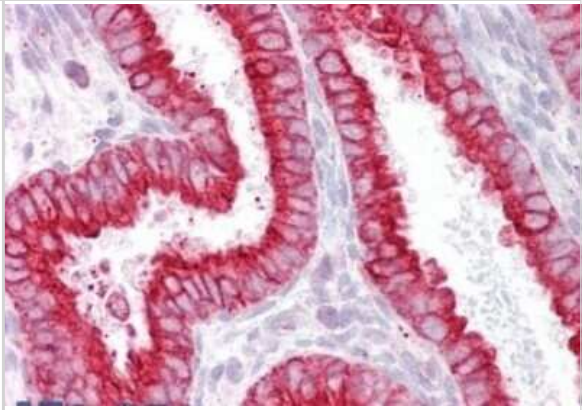
Nicotinic Acetylcholine Receptor beta 2 Antibody

| 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 Nicotinic Acetylcholine Receptor beta 2 Antibody (NBP1-28467) is a polyclonal antibody validated for use in IHC, WB and ELISA. Anti-Nicotinic Acetylcholine Receptor beta 2 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| **Host** | Goat |
| **Gene ID** | 1141 |
| **Gene Symbol** | CHRNB2 |
| **Species** | Human |
| **Immunogen** | Peptide with sequence QPRHHCARQRLR corresponding to internal region according to NP_000739.1. |

| Product Application Details | |
|---|---|
| **Applications** | Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Peptide ELISA |
| **Recommended Dilutions** | Western Blot 1-3 ug/ml, Immunohistochemistry, Immunohistochemistry-Paraffin 2.5 ug/ml, Peptide ELISA Detection limit 1:64000 |
| **Application Notes** | WB: Approx. 48 kDa band observed in human brain (cerebellum, cerebral cortex) lysates (calculated MW of 57.0 kDa band according to NP_000739.1). The observed molecular weight corresponds to earlier findings with different antibodies from other sources. |

## Images

| | |
|---|---|
| Western Blot: Nicotinic Acetylcholine Receptor beta 2 Antibody [NBP1-28467] - Analysis of Nicotinic Acetylcholine Receptor beta 2 in Human Cerebellum lysate (35ug protein in RIPA buffer) using NBP1-28467 at 1ug/ml. Primary incubation was 1 hour. Detected by chemiluminescence. |  |
| Immunohistochemistry-Paraffin: Nicotinic Acetylcholine Receptor beta 2 Antibody [NBP1-28467] - (2.5ug/ml) staining of Human Uterus. Steamed antigen retrieval with citrate buffer pH 6, AP-staining. |  |

## Publications

Cook LJ, Ho LW, Taylor AE et al. Candidate gene association studies of the alpha 4 (CHRNA4) and beta 2 (CHRNB2) neuronal nicotinic acetylcholine receptor subunit genes in Alzheimer's disease. Neurosci Lett 2004-03-25 [PMID: 15026168]

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## Products Related to NBP1-28467

| | |
|---|---|
| NBP2-33376H | Blue Marker Antibody (6F4-F6) [HRP] |
| 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 |

**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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