

Product Datasheet

Nicotinic Acetylcholine R alpha 5/CHRNA5 Antibody NBP1-78791

Unit Size: 0.1 mg

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

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Updated 10/23/2024 v.20.1

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NBP1-78791**Nicotinic Acetylcholine R alpha 5/CHRNA5 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

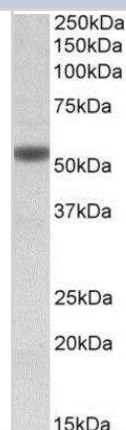
| | |
|--------------------|---|
| Host | Goat |
| Gene ID | 1138 |
| Gene Symbol | CHRNA5 |
| Species | Human |
| Immunogen | Peptide with sequence C-HVDRYFTQKEET corresponding to internal region according to NP_000736.2. |

Product Application Details

| | |
|------------------------------|---|
| Applications | Western Blot, Immunohistochemistry, Peptide ELISA |
| Recommended Dilutions | Western Blot 1 - 3 ug/ml, Immunohistochemistry 1:10-1:500, Peptide ELISA Detection limit 1:32000 |
| Application Notes | WB: Approx. 55 kDa band observed in KELLY lysate (calculated MW of 53.1 kDa band according to NP_000736.2). |

Images

Western Blot: Nicotinic Acetylcholine R alpha 5/CHRNA5 Antibody [NBP1-78791] - (1ug/ml) staining of KELLY lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

**Publications**

Kuryatov A, Berrettini W, Lindstrom J. Acetylcholine receptor (AChR) $\alpha 5$ subunit variant associated with risk for nicotine dependence and lung cancer reduces ($\alpha 4\beta 2$)₂ $\alpha 5$ AChR function. Mol Pharmacol 2011-01-01 [PMID: 20881005]



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Products Related to NBP1-78791

| | |
|--------------------|---|
| 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 |
| H00001138-Q01-10ug | Recombinant Human Nicotinic Acetylcholine R alpha 5/CHRNA5 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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