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# CHRNA5 Antibody (internal region)

**Peptide-affinity purified goat antibody**
**Catalog # AF3562a**

## Specification

### CHRNA5 Antibody (internal region) - Product Information

| | |
|---|---|
| Application | **WB** |
| Primary Accession | P30532 |
| Other Accession | NP_000736.2, 1138 |
| Reactivity | **Human** |
| Host | **Goat** |
| Clonality | **Polyclonal** |
| Concentration | **0.5 mg/ml** |
| Isotype | **IgG** |
| Calculated MW | **53054** |

### CHRNA5 Antibody (internal region) - Additional Information

**Gene ID** 1138

**Other Names**
Neuronal acetylcholine receptor subunit alpha-5, CHRNA5, NACHRA5

**Format**
0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

**Storage**
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**
CHRNA5 Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

### CHRNA5 Antibody (internal region) - Protein Information

**Name** CHRNA5

**Synonyms** NACHRA5

**Function**
After binding acetylcholine, the AChR responds by an extensive change in conformation that affects all subunits and leads to opening of an ion-conducting channel across the plasma membrane.

**Cellular Location**
Postsynaptic cell membrane; Multi-pass membrane protein. Cell membrane; Multi-pass membrane

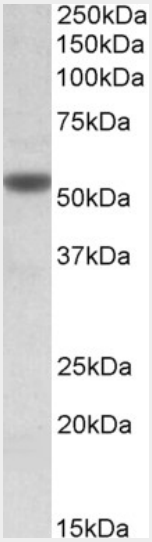
protein

## CHRNA5 Antibody (internal region) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

## CHRNA5 Antibody (internal region) - Images




AF3562a (1 µg/ml) staining of KELLY lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

## CHRNA5 Antibody (internal region) - References

Acetylcholine receptor (AChR) ?5 subunit variant associated with risk for nicotine dependence and lung cancer reduces (?4?2)?) 2 ?5 AChR function. Kuryatov A, Berrettini W, Lindstrom J. Mol Pharmacol. 2011 Jan;79(1):119-25. PMID: 20881005