

**CHRNA5 Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP51089**

**Specification**

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**CHRNA5 Antibody - Product Information**

Application	<b>WB, E</b>
Primary Accession	<a href="#">P30532</a>
Reactivity	<b>Human, Mouse, Rat</b>
Host	<b>Rabbit</b>
Clonality	<b>Polyclonal</b>
Calculated MW	<b>53 KDa</b>

**CHRNA5 Antibody - Additional Information**

**Gene ID** 1138

**Other Names**

Neuronal acetylcholine receptor subunit alpha-5, CHRNA5, NACHRA5

**Format**

0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

**Storage**

Store at -20 °C. Stable for 12 months from date of receipt

**CHRNA5 Antibody - 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 - Protocols**

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

- [Western Blot](#)

- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### **CHRNA5 Antibody - Images**

### **CHRNA5 Antibody - Background**

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.

### **CHRNA5 Antibody - References**

Chini B., et al. Proc. Natl. Acad. Sci. U.S.A. 89:1572-1576(1992).  
Elliott K.J., et al. J. Mol. Neurosci. 7:217-228(1996).  
Groot Kormelink P.J., et al. FEBS Lett. 400:309-314(1997).  
Duga S., et al. Submitted (MAR-2001) to the EMBL/GenBank/DDBJ databases.  
Chanock S.J., et al. Nature 452:537-538(2008).