

## Product datasheet for **AP06679PU-N**

### alpha 2C Adrenergic Receptor (ADRA2C) Rabbit Polyclonal Antibody

#### Product data:

|                         |   |
|-------------------------|---|
| Product Type:           | Primary Antibodies  |
| Applications:           | IF, IHC, WB   |
| Recommended Dilution:   | <b>Western blot:</b> 1/500-1/1000.<br><b>Immunohistochemistry on paraffin sections:</b> 1/50-1/200.<br><b>Immunofluorescence:</b> 1/50-1/200. |
| Reactivity:             | Human, Mouse, Rat   |
| Host:                   | Rabbit  |
| Clonality:              | Polyclonal  |
| Immunogen:              | Synthetic peptide, corresponding to amino acids 340-390 of Human AR- $\alpha$ 2C.   |
| Specificity:            | This antibody detects endogenous levels of AR alpha2C protein.<br>(region surrounding Arg369)   |
| Formulation:            | Phosphate buffered saline (PBS), pH 7.2.<br>State: Aff - Purified<br>State: Liquid purified Ig fraction<br>Preservative: 0.05% sodium azide   |
| Concentration:          | 1.0 mg/ml   |
| Purification:           | Affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE)  |
| Conjugation:            | Unconjugated  |
| Storage:                | Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer.<br>Avoid repeated freezing and thawing.                          |
| Stability:              | Shelf life: one year from despatch.   |
| Predicted Protein Size: | ~ 70 kDa  |
| Gene Name:              | adrenoceptor alpha 2C   |
| Database Link:          | <a href="#">Entrez Gene 152 Human P18825</a>  |



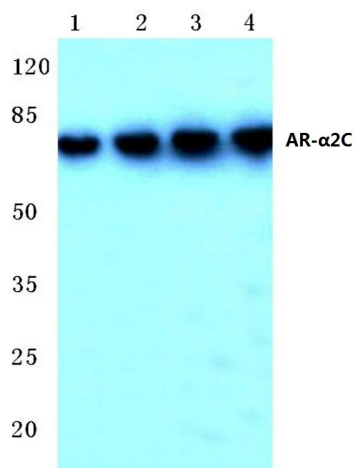
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**Background:**

Alpha-2C adrenergic receptors (alpha2C-AR) regulate neurotransmitter release from sympathetic nerves in the heart, and from adrenergic neurons in the central nervous system. alpha2C-AR can influence Parkinson's disease, panic disorders, and Huntington disease (HD) progression. alpha2C-AR transcripts are present in rat muscle, heart, pancreas, and kidney.

**Synonyms:**

ADRA2L2, ADRA2RL2, Alpha-2C adrenoreceptor, Alpha-2C adrenoceptor

**Product images:**


Western blot (WB) analysis of AR-a2C antibody at 1/500 dilution Lane 1: Jurkat whole cell lysate Lane 2: Mouse liver tissue lysate Lane 3: Rat liver tissue lysate Lane 4: Rat kidney tissue lysate