

Product datasheet for **AP06789PU-N**

alpha 1b Adrenergic Receptor (ADRA1B) Rabbit Polyclonal Antibody

Product data:

| | |
|-------------------------|---|
| Product Type: | Primary Antibodies |
| Applications: | IF, IHC, WB |
| Recommended Dilution: | Western blot: 1/500-1/1000. Immunohistochemistry on paraffin sections: 1/50-1/200. Immunofluorescence: 1/50-1/200. |
| Reactivity: | Human, Mouse, Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Immunogen: | Synthetic peptide, corresponding to amino acids 261-310 of Human AR-β1. |
| Specificity: | This antibody detects endogenous levels of AR-β1 protein. (region surrounding Ala302) |
| Formulation: | Phosphate buffered saline (PBS), pH 7.2. State: Aff - Purified State: Liquid purified Ig fraction 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. Avoid repeated freezing and thawing. |
| Stability: | Shelf life: one year from despatch. |
| Predicted Protein Size: | ~ 51 kDa |
| Gene Name: | adrenoceptor alpha 1B |
| Database Link: | Entrez Gene 147 Human P35368 |

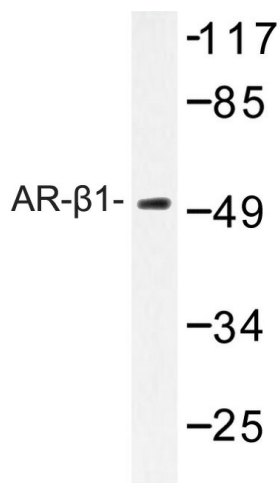


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Background: Alpha-1B adrenergic receptors couple to Gq/11 and induce neoplastic transformation in NIH-3T3 cell transfectants. Alpha-1B receptors ($\alpha 1B$ -AR) can form hetero-oligomers with alpha-1A and alpha-1D receptors. $\alpha 1B$ -AR transcripts are abundant in heart, brain and kidney.

Synonyms: Alpha 1B-adrenoreceptor, Alpha 1B-adrenoceptor

Product images:



Western blot (WB) analysis of AR- $\beta 1$ antibody in extracts from HT-29 cells.