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# Product datasheet for TA325210

## beta 2 Adrenergic Receptor (ADRB2) Rabbit Polyclonal Antibody

### Product data:

| | |
|---|---|
| **Product Type:** | Primary Antibodies |
| **Applications:** | WB |
| **Recommended Dilution:** | WB: 1:500-1:2000; IHC: 1:50-1:200; IF/ICC: 1:100-1:500 |
| **Reactivity:** | Human |
| **Modifications:** | Phospho-specific |
| **Host:** | Rabbit |
| **Isotype:** | IgG |
| **Clonality:** | Polyclonal |
| **Immunogen:** | The antiserum was produced against A synthesized peptide derived from human Adrenergic Receptor beta2 around the phosphorylation site of Serine 346 |
| **Formulation:** | Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| **Concentration:** | lot specific |
| **Purification:** | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific peptide. |
| **Conjugation:** | Unconjugated |
| **Storage:** | Store at -20°C as received. |
| **Stability:** | Stable for 12 months from date of receipt. |
| **Predicted Protein Size:** | 40 kDa |
| **Gene Name:** | adrenoceptor beta 2 |
| **Database Link:** | NP_000015<br>Entrez Gene 154 Human<br>P07550 |
| **Background:** | This gene encodes beta-2-adrenergic receptor which is a member of the G protein-coupled receptor superfamily. This receptor is directly associated with one of its ultimate effectors, the class C L-type calcium channel Ca(V)1.2. |
| **Synonyms:** | ADRB2R; ADRBR; B2AR; BAR; BETA2AR |

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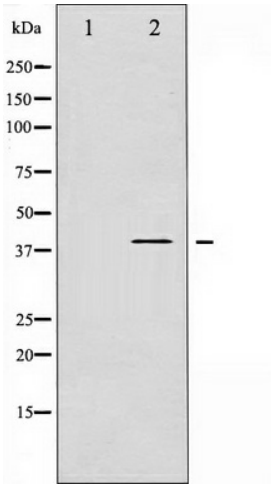
**Protein Families:** Druggable Genome, GPCR, Transmembrane

**Protein Pathways:** Calcium signaling pathway, Endocytosis, Neuroactive ligand-receptor interaction

## Product images:




Western blot analysis of Adrenergic Receptor beta2 phosphorylation expression in nocodazole treated HepG2 whole cell lysates, The lane on the left is treated with the antigen-specific peptide.