

Product datasheet for **TA371665**

beta 2 Adrenergic Receptor (ADRB2) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: Mouse kidney tissue IHC: 10-50 Positive control: Human tonsil Predicted cell location: Cell membrane
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human ADRB2
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	46 kDa
Gene Name:	adrenoceptor beta 2
Database Link:	Entrez Gene 154 Human P07550

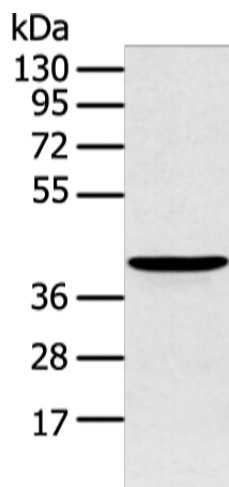
Background: This gene encodes beta-2-adrenergic receptor which is a member of the G protein-coupled receptor superfamily. This receptor is directly associated with one of its ultimate effectors, the class C L-type calcium channel Ca(V)1.2. This receptor-channel complex also contains a G protein, an adenylyl cyclase, cAMP-dependent kinase, and the counterbalancing phosphatase, PP2A. The assembly of the signaling complex provides a mechanism that ensures specific and rapid signaling by this G protein-coupled receptor.



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Synonyms: ADRB2R; ADRBR; B2AR; BAR; BETA2AR

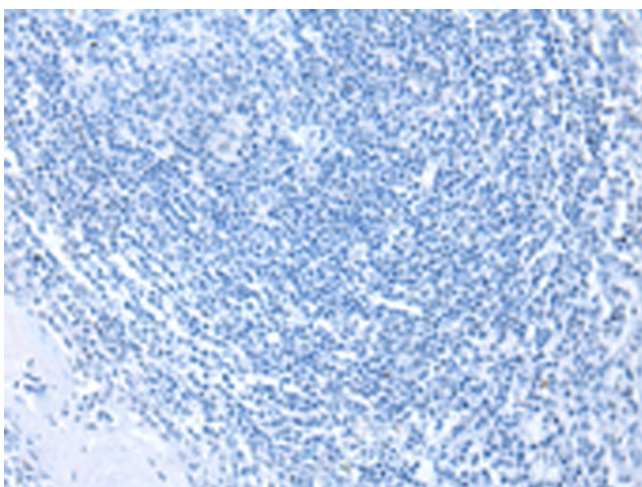
Product images:



Gel: 8%SDS-PAGE
Lysate: 40 μ g
Lane: Mouse kidney tissue
Primary antibody: TA371665 (ADRB2 Antibody) at dilution 1/400
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution
Exposure time: 15 seconds



Immunohistochemistry of paraffin-embedded Human tonsil tissue using TA371665 (ADRB2 Antibody) at dilution 1/25 (Original magnification: \times 200)



Immunohistochemistry of paraffin-embedded Human tonsil tissue using TA371665 (ADRB2 Antibody) at dilution 1/25, treated with synthetic peptide. (Original magnification: $\times 200$)