

anti-Human, Mouse Adrenergic Receptor B2 Antibody | anti-ADRB2R antibody

Adrenergic Receptor B2 (Phospho-Ser355+Ser356) Antibody

CATALOG # AAA111868	REACTIVITY Human, Mouse	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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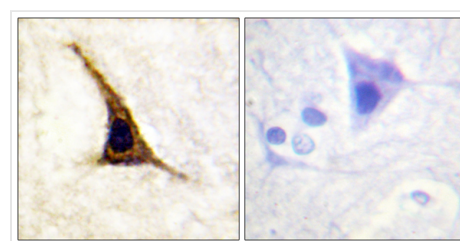
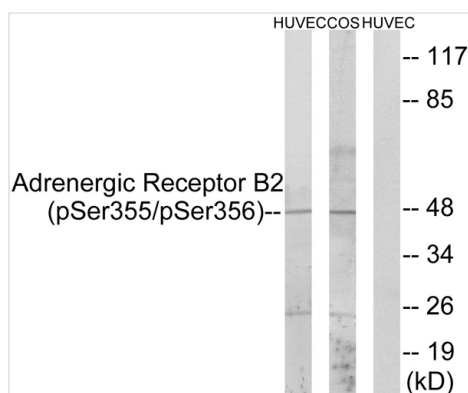
PRODUCT SYNONYMS

Adrenergic Receptor B2; Adrenergic Receptor B2 (Phospho-Ser355+Ser356) Antibody; B2AR; adrenergic receptor; beta-2; beta-2 adrenergic receptor; anti-ADRB2R antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse
Specificity	Adrenergic Receptor B2 (Phospho-Ser355+Ser356) antibody detects endogenous levels of Adrenergic Receptor B2 only when phosphorylated at serine 355 and serine 356.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	413
Applicable Applications for anti-ADRB2R antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human Adrenergic Receptor B2 around the phosphorylation site of serine 355 and serine 356 (G-Y-SP-SP-N-G).
All Sites	Human: Ser356+Ser355 Mouse: Ser356+Ser355
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



Application Data
P-peptide-+

IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human brain tissue using Adrenergic Receptor B2 (Phospho-Ser355+Ser356) antibody. Western blot analysis of extracts from HUVEC cells and COS cells treated with serum (20%, 15mins), using Adrenergic Receptor B2 (Phospho-Ser355+Ser356) antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-ADRB2R antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Schofield P.R., Nucleic Acids Res. 15:3636-3636(1987). Kobilka B.K., Proc. Natl. Acad. Sci. U.S.A. 84:46-50(1987). Chung F.-Z., FEBS Lett. 211:200-206(1987).

NCBI AND UNIPROT INFORMATION

NCBI GI #	4501969
NCBI GeneID	154
NCBI Accession #	NP_000015.1
NCBI GenBank Nucleotide #	NM_000024.5
UniProt Accession #	P07550; O14823; O14824; O14825; O14826; Q4JG18; Q53GA6; Q6GMT4; Q6P4D8; Q8NEQ9; B0LPE4; B2R7X2
Molecular Weight	46,459 Da
NCBI Official Full Name	beta-2 adrenergic receptor
NCBI Official Synonym Full Names	adrenoceptor beta 2
NCBI Official Symbol	ADRB2
NCBI Official Synonym Symbols	BAR; B2AR; ADRBR; ADRB2R; BETA2AR
NCBI Protein Information	beta-2 adrenergic receptor
UniProt Protein Name	Beta-2 adrenergic receptor
UniProt Gene Name	ADRB2
UniProt Synonym Gene Names	ADRB2R; B2AR; Beta-2 adrenoceptor

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/adrb2r-human-mouse-antibody/adrenergic-receptor-b2/111868>