

Rabbit ADRBK2 Polyclonal Antibody | anti-ADRBK2 antibody

ADRBK2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA326542	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

ADRBK2; Polyclonal Antibody; ADRBK2 Antibody; Adrenergic; beta; receptor kinase 2; ARBK2_HUMAN; BARK2; Beta adrenergic receptor kinase 2; Beta ARK 2; Beta-adrenergic receptor kinase 2; Beta-ARK-2; EC 2.7.11.15; G protein coupled receptor kinase 3; G-protein-coupled receptor kinase 3; GRK3; anti-ADRBK2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	ADRBK2 antibody detects endogenous levels of total ADRBK2
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	688
Applicable Applications for anti-ADRBK2 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human ADRBK2
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)

AAA326542 at 1/100 staining Human prostate tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)

Western blot analysis of Mouse heart lysate, using ADRBK2 Antibody. The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-ADRBK2 antibody	Description: The beta-adrenergic receptor kinase specifically phosphorylates the agonist-occupied form of the beta-adrenergic and related G protein-coupled receptors. Overall, the beta adrenergic receptor kinase 2 has 85% amino acid similarity with beta adrenergic receptor kinase 1, with the protein kinase catalytic domain having 95% similarity. These data suggest the existence of a family of receptor kinases which may serve broadly to regulate receptor function. [provided by RefSeq, Jul 2008] Function: Specifically phosphorylates the agonist-occupied form of the beta-adrenergic and closely related receptors. Post-translational Modifications: Ubiquitinated. Similarity: Belongs to the protein kinase superfamily. AGC Ser/Thr protein kinase family. GPRK subfamily.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	148539879
NCBI GeneID	157
NCBI Accession #	NP_005151.2
NCBI GenBank Nucleotide #	NM_005160.3
UniProt Accession #	P35626; Q9UGW9
Molecular Weight	Observed: 80 kDa Predicted: 80 kDa
NCBI Official Full Name	beta-adrenergic receptor kinase 2
NCBI Official Synonym Full Names	G protein-coupled receptor kinase 3
NCBI Official Symbol	GRK3
NCBI Official Synonym Symbols	BARK2; ADRBK2
NCBI Protein Information	beta-adrenergic receptor kinase 2
UniProt Protein Name	Beta-adrenergic receptor kinase 2
UniProt Gene Name	GRK3
UniProt Synonym Gene Names	ADRBK2; BARK2; Beta-ARK-2

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/adrbk2-antibody-immunohistochemistry-western-blot-elisa/326542>