

Rabbit anti-Human ADRBK2 Polyclonal Antibody | anti-ADRBK2 antibody

ADRBK2 Antibody (N-term)

CATALOG # AAA285858	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA, Western Blot
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PRODUCT SYNONYMS

ADRBK2; Polyclonal Antibody; ADRBK2 Antibody (N-term); Beta-adrenergic receptor kinase 2; Beta-ARK-2; G-protein-coupled receptor kinase 3; BARK2; GRK3; anti-ADRBK2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This ADRBK2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 29-57 amino acids from the N-terminal region of human ADRBK2.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	29-57
Sequence Length	688
Applicable Applications for anti-ADRBK2 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Formalin-fixed and paraffin-embedded human brain tissue reacted with ADRBK2 Antibody (N-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)

Western blot analysis of ADRBK2 (arrow) using rabbit polyclonal ADRBK2 Antibody (N-term). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the ADRBK2 gene (Lane 2).

ADDITIONAL INFORMATION

Related Product Information for anti-ADRBK2 antibody	ADRBK2 is 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.
Product Categories/Family for anti-ADRBK2 antibody	Signal Transduction
References	Gratacos,M., et.al., Am. J. Med. Genet. B Neuropsychiatr. Genet. 150B (6), 808-816 (2009) Rao,J.S., et.al., Int. J. Neuropsychopharmacol. 12 (6), 851-860 (2009)

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	79710
NCBI Official Full Name	beta-adrenergic receptor kinase 2
NCBI Official Synonym Full Names	adrenergic, beta, receptor kinase 2
NCBI Official Symbol	ADRBK2
NCBI Official Synonym Symbols	GRK3; BARK2
NCBI Protein Information	beta-adrenergic receptor kinase 2
UniProt Protein Name	Beta-adrenergic receptor kinase 2
UniProt Gene Name	ADRBK2
UniProt Synonym Gene Names	BARK2; GRK3; Beta-ARK-2
UniProt Entry Name	ARBK2_HUMAN

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/285858>