

Datasheet for ABIN653036

**anti-ADRBK2 antibody (N-Term)****2** Images[Go to Product page](#)

## Overview

Quantity:	400 µL
Target:	ADRBK2
Binding Specificity:	AA 29-57, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ADRBK2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	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.
Clone:	RB21107
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	ADRBK2
Alternative Name:	ADRBK2 ( <a href="#">ADRBK2 Products</a> )
Background:	ADRBK2 is the beta-adrenergic receptor kinase specifically phosphorylates the agonist-

## Target Details

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.

Molecular Weight: 79710

Gene ID: 157

NCBI Accession: [NP\\_005151](#)

UniProt: [P35626](#)

Pathways: [Regulation of G-Protein Coupled Receptor Protein Signaling, Thromboxane A2 Receptor Signaling](#)

## Application Details

Application Notes: WB: 1:1000. IHC-P: 1:50~100

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

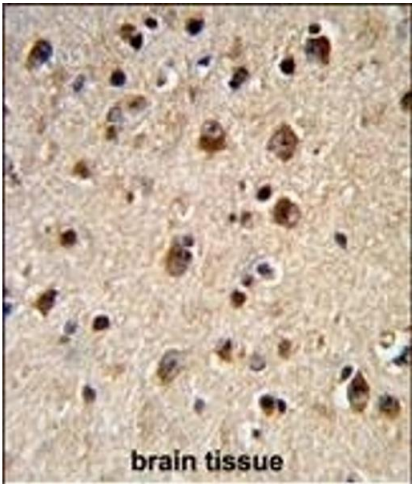
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-20 °C

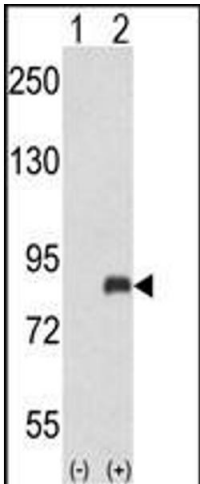
Storage Comment: Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

Expiry Date: 6 months



**Immunohistochemistry (Paraffin-embedded Sections)**

**Image 1.** 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.



**Western Blotting**

**Image 2.** Western blot analysis of ADRBK2 (arrow) using rabbit polyclonal ADRBK2 Antibody (N-term) (ABIN653036 and ABIN2842650). 293 cell lysates (2 µg/lane) either nontransfected (Lane 1) or transiently transfected with the ADRBK2 gene (Lane 2).