

Datasheet for ABIN7145438
anti-ADRBK2 antibody (AA 343-480)[Go to Product page](#)

3 Images

Overview

Quantity:	100 µg
Target:	ADRBK2
Binding Specificity:	AA 343-480
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ADRBK2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Beta-adrenergic receptor kinase 2 protein (343-480AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	ADRBK2
Alternative Name:	GRK3 (ADRBK2 Products)
Background:	Background: Specifically phosphorylates the agonist-occupied form of the beta-adrenergic and closely related receptors.

Target Details

Aliases: ADRBK2 antibody, Adrenergic, beta, receptor kinase 2 antibody, ARBK2_HUMAN antibody, BARK2 antibody, Beta adrenergic receptor kinase 2 antibody, Beta ARK 2 antibody, Beta-adrenergic receptor kinase 2 antibody, Beta-ARK-2 antibody, EC 2.7.11.15 antibody, G protein coupled receptor kinase 3 antibody, G-protein-coupled receptor kinase 3 antibody, GRK3 antibody

UniProt: [P35626](#)

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

Application Details

Application Notes: Recommended dilution: WB:1:500-1:5000, IHC:1:20-1:200, IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

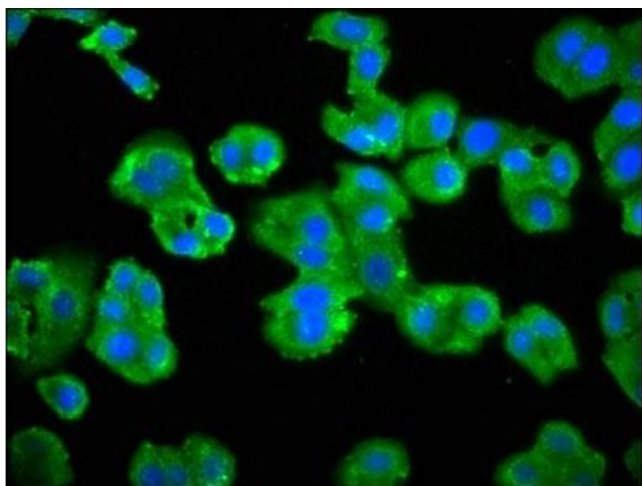
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

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

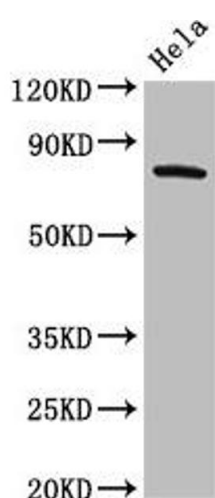
Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



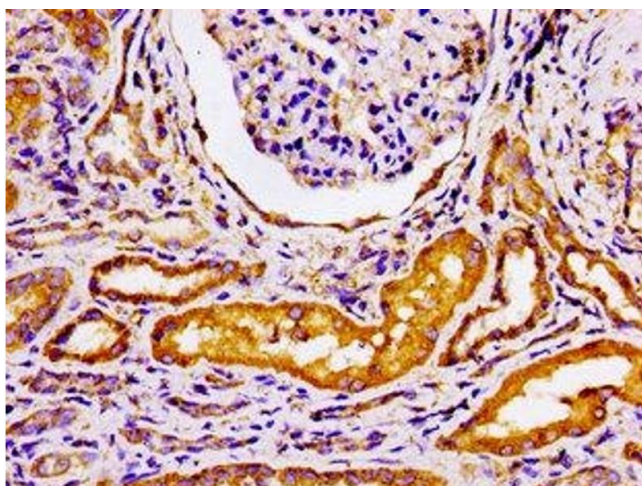
Immunofluorescence

Image 1. Immunofluorescence staining of HepG2 cells with ABIN7145438 at 1:66, counter-stained with DAPI. The cells were fixed in 4 % formaldehyde, permeabilized using 0.2 % Triton X-100 and blocked in 10 % normal Goat Serum. The cells were then incubated with the antibody overnight at 4 °C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Western Blotting

Image 2. Western Blot Positive WB detected in: HeLa whole cell lysate All lanes: GRK3 antibody at 2 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 80 kDa Observed band size: 80 kDa



Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded human kidney tissue using ABIN7145438 at dilution of 1:100