

Datasheet for ABIN2855408
anti-ADRBK2 antibody (N-Term)

2 Images

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Overview

Quantity:	100 µL
Target:	ADRBK2
Binding Specificity:	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:	Recombinant protein encompassing a sequence within the N-terminus region of human GRK3. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Mouse (Murine), Rat (Rattus), Zebrafish (Danio rerio), Cow (Bovine)
Cross-Reactivity (Details):	Mouse (92 %), Rat (92 %), Zebrafish (84 %), Bovine (95 %)
Characteristics:	Rabbit Polyclonal antibody to GRK3 (adrenergic, beta, receptor kinase 2) GRK3 antibody [N1N2], N-term
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	ADRBK2
Alternative Name:	GRK3 (ADRBK2 Products)
Background:	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.
Molecular Weight:	80 kDa
Gene ID:	157
Pathways:	Regulation of G-Protein Coupled Receptor Protein Signaling , Thromboxane A2 Receptor Signaling

Application Details

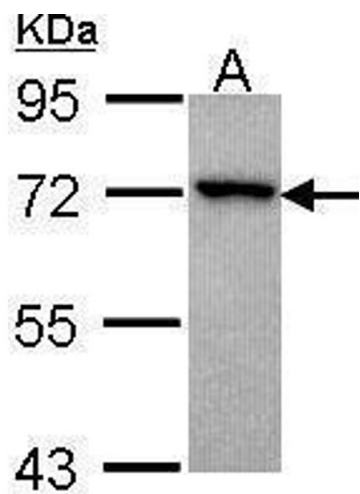
Application Notes:	Suggested dilution Reference IHC (Formalin-fixed paraffin-embedded sections) 1:100-1:1000* Western blot 1:500-1:3000* Not tested in other applications. *Optimal dilutions/concentrations should be determined by the researcher.Suggested dilutionReferenceIHC (Formalin-fixed paraffin-embedded sections)1:100-1:1000* Western blot1:500-1:3000*
Comment:	Positive Control: HeLa , Molt-4
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.63 mg/mL
Buffer:	0.1M Tris, 0.1M Glycine, 10 % Glycerol (pH 7). 0.01 % Thimerosal was added as a preservative.
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Keep as concentrated solution. Aliquot and store at -20°C or below. Avoid multiple freeze-thaw

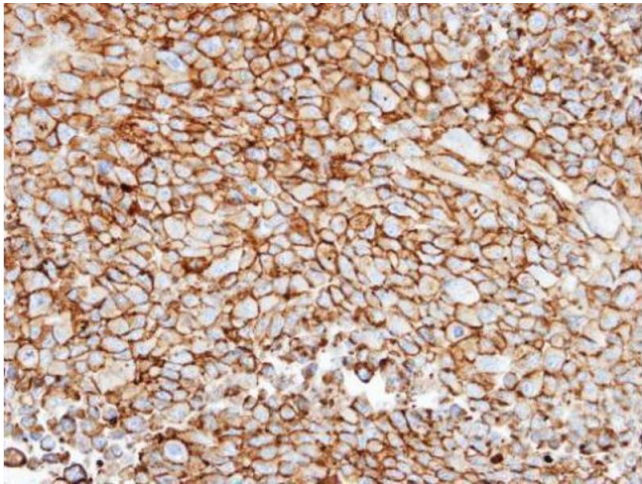
cycles.

Validation report #104383 for Cleavage Under Targets and Release Using Nuclease (CUT&RUN)



Western Blotting

Image 1. WB Image Sample (30 ug of whole cell lysate) A:
Hela 7.5% SDS PAGE antibody diluted at 1:1000



Immunohistochemistry

Image 2. IHC-P Image Immunohistochemical analysis of
paraffin-embedded H1299 xenograft, using GRK3, antibody
at 1:100 dilution.