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Datasheet for ABIN7154499

anti-GRB14 antibody (AA 294-397) (Biotin)

Overview

Quantity:	100 µg
Target:	GRB14
Binding Specificity:	AA 294-397
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GRB14 antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Growth factor receptor-bound protein 14 protein (294-397AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	GRB14
Alternative Name:	GRB14 (GRB14 Products)
Background:	Background: Adapter protein which modulates coupling of cell surface receptor kinases with specific signaling pathways. Binds to, and suppresses signals from, the activated insulin

Target Details

receptor (INSR). Potent inhibitor of insulin-stimulated MAPK3 phosphorylation. Plays a critical role regulating PDPK1 membrane translocation in response to insulin stimulation and serves as an adapter protein to recruit PDPK1 to activated insulin receptor, thus promoting PKB/AKT1 phosphorylation and transduction of the insulin signal.

Aliases: GRB14Growth factor receptor-bound protein 14 antibody, GRB14 adapter protein antibody

UniProt: [Q14449](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

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.