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Datasheet for ABIN7154501

**anti-GRB14 antibody (AA 294-397) (HRP)**

## Overview

Quantity:	100 µg
Target:	GRB14
Binding Specificity:	AA 294-397
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GRB14 antibody is conjugated to HRP
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 ( <a href="#">GRB14 Products</a> )
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.