

Datasheet for ABIN391027
anti-AKT3 antibody (AA 450-479)



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1 Image

Overview

Quantity:	400 µL
Target:	AKT3
Binding Specificity:	AA 450-479
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AKT3 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This AKT3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 450-479 amino acids from human AKT3.
Clone:	RB13331
Isotype:	Ig Fraction
Predicted Reactivity:	M, Rat
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	AKT3
Alternative Name:	AKT3 (AKT3 Products)

Target Details

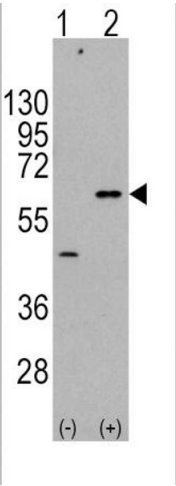
Background:	AKT3 is a member of the AKT, also called PKB, serine/threonine protein kinase family. AKT kinases are known to be regulators of cell signaling in response to insulin and growth factors. They are involved in a wide variety of biological processes including cell proliferation, differentiation, apoptosis, tumorigenesis, as well as glycogen synthesis and glucose uptake. This kinase has been shown to be stimulated by platelet-derived growth factor (PDGF), insulin, and insulin-like growth factor 1 (IGF1).
Molecular Weight:	55775
Gene ID:	10000
NCBI Accession:	NP_001193658 , NP_005456 , NP_859029
UniProt:	Q9Y243
Pathways:	PI3K-Akt Signaling , RTK Signaling , TLR Signaling , Hepatitis C , VEGF Signaling

Application Details

Application Notes:	WB: 1:1000
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



Western Blotting

Image 1. Western blot analysis of AKT3 (arrow) using rabbit polyclonal AKT3 Antibody (ABIN391027 and ABIN2841197). 293 cell lysates (2 µg/lane) either nontransfected (Lane 1) or transiently transfected with the AKT3 gene (Lane 2) (Origene Technologies).