

Datasheet for ABIN3029478
anti-AKT3 antibody (AA 450-479)



[Go to Product page](#)

2 Images

Overview

Quantity:	0.4 mL
Target:	AKT3
Binding Specificity:	AA 450-479
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AKT3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	A portion of amino acids 450-479 from the human protein was used as the immunogen for this AKT3 antibody.
Isotype:	Ig Fraction
Cross-Reactivity (Details):	Expected species reactivity: Mouse, Rat
Purification:	Antigen affinity purified

Target Details

Target:	AKT3
Alternative Name:	AKT3 (AKT3 Products)
Background:	AKT3 is a member of the AKT, also called PKB, serine/threonine protein kinase family. AKT

Target Details

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).

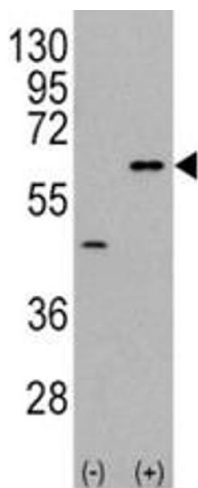
UniProt:	Q9Y243
Pathways:	PI3K-Akt Signaling , RTK Signaling , TLR Signaling , Hepatitis C , VEGF Signaling

Application Details

Application Notes:	Titration of the AKT3 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000
Restrictions:	For Research Use only

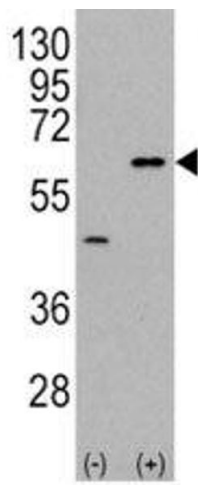
Handling

Format:	Liquid
Buffer:	In 1X PBS, pH 7.4, with 0.09 % 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:	-20 °C
Storage Comment:	Aliquot the AKT3 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.



Western Blotting

Image 1. Western blot analysis of AKT3 antibody and 293 cell lysate (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the AKT3 gene (2).



Western Blotting

Image 2. Western blot analysis of AKT3 antibody and 293 cell lysate (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the AKT3 gene (2).