

Datasheet for ABIN7469154
anti-AKT3 antibody (N-Term)



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Overview

Quantity:	100 µL
Target:	AKT3
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AKT3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the N-terminus region of human Akt3. The exact sequence is proprietary.
Isotype:	IgG
Specificity:	Based on internal testing result, this antibody may cross react with AKT1 protein.
Cross-Reactivity:	Human, Mouse
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	AKT3
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Target Details

Alternative Name:	AKT serine/threonine kinase 3 (AKT3 Products)
Background:	Synonyms: AKT serine/threonine kinase 3 , MPPH , MPPH2 , PKB-GAMMA , PKBG , PRKBG , RAC-PK-gamma , RAC-gamma , STK-2 Background: The protein encoded by this gene 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). Alternatively splice transcript variants encoding distinct isoforms have been described. [provided by RefSeq]
Molecular Weight:	56 kDa
Gene ID:	10000
UniProt:	Q9Y243
Pathways:	PI3K-Akt Signaling , RTK Signaling , TLR Signaling , Hepatitis C , VEGF Signaling

Application Details

Application Notes:	WB: 1:500-1:3000. ICC/IF: 1:100-1:1000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	Positive Control: Mouse brain , AKT3-transfected 293T cells Validation: Overexpression
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	2.15 mg/mL
Buffer:	1XPBS (pH 7), 20 % Glycerol, 0.025 % ProClin 300
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C

Handling

Storage Comment: Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.