

PE-01AWT99-P

AKT3 (402-416) Peptide Powder

16-mer immunogen peptide based on Akt3 (PKBg)



KINEXUS

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Target Protein

Name Long:	RAC-gamma serine/threonine-protein kinase
Name Alias:	Akt3; Kinase Akt3; PKB gamma; PKBG; PRKBG; Protein kinase Akt-3; Protein kinase B, gamma; RAC-gamma; V-akt murine thymoma viral oncogene 3; RAC-gamma serine,threonine protein kinase; RAC-gamma serine/threonine protein kinase; RAC-PK-gamma; STK-2; DKFZp434N0250; ENSG00000117020
Species Origin:	Human
UniProt ID:	Q9Y243

Peptide Structure

Peptide Name:	AKT3 (402-416)
Peptide Origin:	Post-kinase last alpha-chain
Peptide Sequence Location:	H402-K416
Peptide Sequence:	CHSFFSGVNWQDVYDK
Peptide N-Terminus:	Free amino
Peptide C-Terminus:	Amide
Peptide Modifications Other:	None

Production

Peptide Production Method:	Solid-phase peptide synthesis
Calculated Peptide Mass:	1931.1
Observed Peptide Mass:	1933.2
% Peptide Purity:	99
Peptide Appearance:	White powder
Peptide Form:	Solid
Peptide Solubility:	Dissolve in 50 µl DMSO and dilute to desired concentration with water or aqueous buffer
Lot Number:	KMP01CAK-155
Amount:	1 mg
Storage Conditions:	Frozen at -20°C
Storage Stability:	Over 1 year at -20°C

Applications

Product Use:	Serves as a blocking peptide for use with the Akt3-2 rabbit polyclonal antibody (Cat. No.: NK131-3) that is also available from Kinexus.
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This product is for in vitro research use only and is not intended for use in humans or animals.

For more information on our products please visit www.kinexusproducts.ca or contact us at 1-866-KINASES (546-2737)