

PE-01AWP99-P

AKT2 (135-149) Peptide Powder

16-mer immunogen peptide based on Akt2 (PKBb)



KINEXUS

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Target Protein

Name Long:	RAC-beta serine/threonine-protein kinase
Name Alias:	Akt2; PKB beta; RAC-beta serine,threonine protein kinase; RAC-PK-beta; PKBB; PRKBB; HIHGHH; PKBBETA; RAC-BETA; CCDS12552.1; ENSG00000105221
Species Origin:	Human
UniProt ID:	P31751

Peptide Structure

Peptide Name:	AKT2 (135-149)
Peptide Origin:	Pre-kinase catalytic domain
Peptide Sequence Location:	E135-M149
Peptide Sequence:	CEMEVAVSKARAKVTM
Peptide N-Terminus:	Free amino
Peptide C-Terminus:	Amide
Peptide Modifications Other:	None

Production

Peptide Production Method:	Solid-phase peptide synthesis
Calculated Peptide Mass:	1752.1
Observed Peptide Mass:	1752.0
% Peptide Purity:	100
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-151; KPS104 E2
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 Akt2-1 rabbit polyclonal antibody (Cat. No.: NK130-4) 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)