

PE-01AWQ95-P

AKT2 (406-420) 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 (406-420)
Peptide Origin:	Post-kinase last alpha-chain
Peptide Sequence Location:	H406-K420
Peptide Sequence:	CHRFFLSINWQDVVQK
Peptide N-Terminus:	Free amino
Peptide C-Terminus:	Amide
Peptide Modifications Other:	None

Production

Peptide Production Method:	Solid-phase peptide synthesis
Calculated Peptide Mass:	2019.3
Observed Peptide Mass:	2019.6
% Peptide Purity:	95
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-152; KPS104 E3
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 Akt2-2 rabbit polyclonal antibody (Cat. No.: NK130-8) 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.

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