

# PE-01AWR95-P

## AKT2 (454-468) Peptide Powder

16-mer immunogen peptide based on Akt2 (PKBb)



# KINEXUS

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### Target Protein

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

### Peptide Structure

<b>Peptide Name:</b>	AKT2 (454-468)
<b>Peptide Origin:</b>	Pre-C-terminus
<b>Peptide Sequence Location:</b>	D454-T468
<b>Peptide Sequence:</b>	CDRYDSLGLLELDQRT
<b>Peptide N-Terminus:</b>	Free amino
<b>Peptide C-Terminus:</b>	Amide
<b>Peptide Modifications Other:</b>	None

### Production

<b>Peptide Production Method:</b>	Solid-phase peptide synthesis
<b>Calculated Peptide Mass:</b>	1896.0
<b>Observed Peptide Mass:</b>	1894.7
<b>% Peptide Purity:</b>	95
<b>Peptide Appearance:</b>	White powder
<b>Peptide Form:</b>	Solid
<b>Peptide Solubility:</b>	Dissolve in 50 µl DMSO and dilute to desired concentration with water or aqueous buffer
<b>Lot Number:</b>	KMP01CAK-153; KPS104 E4
<b>Amount:</b>	1 mg
<b>Storage Conditions:</b>	Frozen at -20°C
<b>Storage Stability:</b>	Over 1 year at -20°C

### Applications

<b>Product Use:</b>	Serves as a blocking peptide for use with the Akt2 rabbit polyclonal antibody (Cat. No.: NK130-9P) 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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