

PE-04ARB95-P

ANXA1 (203-210) pY207 Peptide Powder

10-mer immunogen and phosphatase substrate phosphopeptide based on ANXA1



KINEXUS

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Target Protein

Name Long:	Annexin A1
Name Alias:	Annexin I; annexin I (lipocortin I); Annexin-1; ANX1; anxa 1; ANXA1; Calpactin II; Calpactin-2; Chromobindin-9; Lipocortin I; LPC1; p35; Phospholipase A2 inhibitory protein
Species Origin:	Human
UniProt ID:	P04083

Peptide Structure

Peptide Name:	ANXA1 (203-210) pY207
Peptide Origin:	In the beginning of the third Annexin domain. The major in vivo phosphorylation site in Annexin A1.
Peptide Sequence Location:	A203-G210
Peptide Sequence:	ARAL(pY)EAG(bA)C
Peptide N-Terminus:	Free amino
Peptide C-Terminus:	Amide
Peptide Modifications Other:	Phosphorylated; Includes beta-alanine-cysteine at C-terminus for coupling to KLH or thio-agarose

Production

Peptide Production Method:	Solid-phase peptide synthesis
Calculated Peptide Mass:	1103.1
Observed Peptide Mass:	1103.2
% Peptide Purity:	97.0
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:	KMP04CAY-11
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 ANXA1-pY207 rabbit polyclonal antibody (Cat. No.: PN551) that is also available from Kinexus. This phosphopeptide may also be useful as a substrate for screening the phosphatase activity of protein phosphatases.
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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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