

AB-NN605-1

PCYT1B-PNT Antibody

Pan-specific rabbit polyclonal antibody
for PCYT1B (CCTB)



KINEXUS

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Target Protein

Protein Name Long:	CTP: phosphocholine cytidyltransferase isoform B
Protein Alias:	CCT B; CCT-beta; CCTB; Choline-phosphate cytidyltransferase B; CT B; CTB; CTP:phosphocholine cytidyltransferase B; PCY1B; PCYT1B; phosphate cytidyltransferase 1, choline, beta; Phosphorylcholine transferase B
UniProt ID:	Q9Y5K3
Protein Molecular Mass:	41,940 Da (369 AA; Q9Y5K3); 40,229 Da (351 AA; Q9Y5K3-4); 40,206 Da (351 AA; Q9Y5K3-3); 38,086 Da (330 AA; Q9Y5K3-2)

Immunogen

Antibody Immunogen Source:	Synthetic peptide patterned after human PCYT1B
Antibody Immunogen Sequence:	CQAPHEKLIAQARLGTP
Antibody Immunogen Description:	Corresponds to amino acid residues C55 to P72.
Antibody Target Type:	Pan-specific

Production

Antibody Host Species:	Rabbit
Antibody Type:	Polyclonal
Antibody Isotype:	IgG
Production Method:	The immunizing peptide was produced by solid phase synthesis on a multipеп peptide synthesizer and purified by reverse-phase hplc chromatography. Purity was assessed by analytical hplc and the amino acid sequence confirmed by mass spectrometry analysis. This peptide was coupled to KLH prior to immunization into rabbits. New Zealand White rabbits were subcutaneously injected with KLH-coupled immunizing peptide every 4 weeks for 4 months. The sera from these animals was applied onto an agarose column to which the immunogen peptide was thio-linked. Antibody was eluted from the column with 0.1 M glycine, pH 2.5. Subsequently, the antibody solution was neutralized to pH 7.0 with saturated Tris.
Amount:	25 µg
Antibody Concentration:	0.55 mg/ml
Storage Buffer:	Phosphate buffered saline pH 7.4, 0.05% Thimerasol
Storage Conditions:	For long term storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles.
Storage Stability:	>2 years

Applications

Product Use:	Western blotting Antibody microarray
Antibody Dilution Recommended:	2 µg/ml for immunoblotting
Antibody Species Reactivity:	Human Dog Rat Mouse Chicken

This product is for in vitro research use only and is not intended for use in humans or animals.

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