

Product datasheet for **AP12879PU-N**

PIK3CD pTyr524 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Recommended Dilution:	ELISA: 1/1,000. Dot Blot: 1/500.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	This antibody is generated from rabbits immunized with a KLH conjugated synthetic phosphopeptide corresponding to amino acid residues surrounding Y524 of human PIK3CD.
Specificity:	This antibody detects PIK3CD pTyr524. Predicted to cross react with Mouse (100% Antigen Homology).
Formulation:	PBS with 0.09% (W/V) Sodium Azide as preservative. State: Aff - Purified State: Liquid purified Ig fraction.
Concentration:	lot specific
Purification:	Affinity purification in a 2-step procedure with the control and phosphorylated peptides. The phospho-specific antibody is eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	phosphatidylinositol-4,5-bisphosphate 3-kinase catalytic subunit delta
Database Link:	Entrez Gene 5293 Human O00329



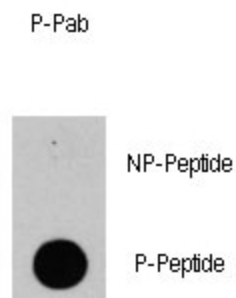
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Background: Phosphoinositide 3-kinases (PI3Ks) phosphorylate the 3-prime OH position of the inositol ring of inositol lipids. See MIM 602838. The class I PI3Ks display a broad phosphoinositide lipid substrate specificity and include p110-alpha , p110-beta, and p110-gamma. p110-alpha and p110-beta interact with SH2/SH3-domain-containing p85 adaptor proteins and with GTP-bound Ras.

Synonyms: PI3-kinase subunit delta, PI3K-delta, PtdIns-3-kinase subunit delta

Note: **Molecular weight:** 119479 Da

Product images:



Dot blot analysis of anti-PIK3CD-pTyr524 Phospho-specific Pab (Cat#AP12879PU-N) on nitrocellulose membrane. 50ng of Phospho-peptide or Non Phospho-peptide per dot were adsorbed. Antibody working concentrations are 0.5ug per ml.

Dot Blot