

Datasheet for ABIN358424
anti-PIK3CD antibody (pTyr485)



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Overview

Quantity:	0.4 mL
Target:	PIK3CD
Binding Specificity:	pTyr485
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PIK3CD antibody is un-conjugated
Application:	Enzyme Immunoassay (EIA)

Product Details

Immunogen:	This antibody is generated from rabbits immunized with a KLH conjugated synthetic phosphopeptide corresponding to amino acid residues surrounding Tyr485 of human PIK3CD.
Isotype:	Ig Fraction
Specificity:	This antibody detects PIK3CD pTyr485.
Purification:	Protein A Chromatography followed by two-step phosphospecific peptide affinity purification.

Target Details

Target:	PIK3CD
Alternative Name:	PIK3CD (PIK3CD Products)
Background:	Phosphoinositide 3-kinases (PI3Ks) phosphorylate the 3-prime OH position of the inositol ring

Target Details

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: 5-bisphosphate 3-kinase catalytic subunit delta isoform, PI3-kinase subunit delta, PI3K-delta, Phosphatidylinositol-4, PtdIns-3-kinase subunit delta, PtdIns-3-kinase subunit p110-delta

Molecular Weight: 119479 Da

Gene ID: 5293, 9606

UniProt: [O00329](#)

Pathways: [BCR Signaling](#), [Warburg Effect](#)

Application Details

Application Notes: ELISA: 1/1,000. Dot Blot: 1/500.
Other applications not tested.
Optimal dilutions are dependent on conditions and should be determined by the user.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.25 mg/mL

Buffer: PBS with 0.09 % (W/V) Sodium Azide as preservative.

Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freezing and thawing.

Storage: 4 °C/-20 °C

Storage Comment: Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.

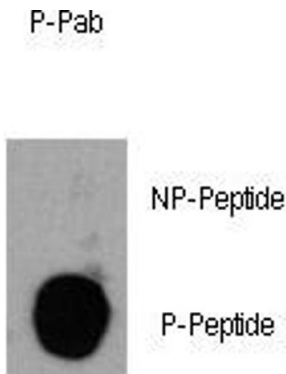


Image 1.

Dot Blot