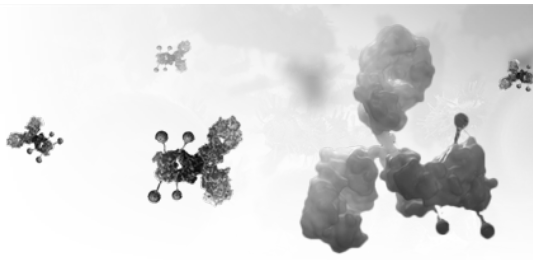

Anti-PIK3CD (aa 138-247) polyclonal antibody (DPAB-DC2252)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	Phosphoinositide 3-kinases (PI3Ks) phosphorylate inositol lipids and are involved in the immune response. The protein encoded by this gene is a class I PI3K found primarily in leukocytes. Like other class I PI3Ks (p110-alpha p110-beta, and p110-gamma), the encoded protein binds p85 adapter proteins and GTP-bound RAS. However, unlike the other class I PI3Ks, this protein phosphorylates itself, not p85 protein.[provided by RefSeq, Jul 2010]
Immunogen	PIK3CD (NP_005017, 138 a.a. ~ 247 a.a) partial recombinant protein with GST tag. The sequence is DFRAKMCQFCEEAAARRQQLGWEAWLQYSFPLQLEPSAQTWGPGTLRLPNRALLVNVKFEGSEESFTFQVSTKDVPLALMACALRKKATVFRQPLVEQPEDYTLQVNGRH
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221
© Creative Diagnostics All Rights Reserved

Gene Name	PIK3CD phosphatidylinositol-4,5-bisphosphate 3-kinase, catalytic subunit delta [Homo sapiens (human)]
Official Symbol	PIK3CD
Synonyms	PIK3CD; phosphatidylinositol-4,5-bisphosphate 3-kinase, catalytic subunit delta; APDS; PI3K; IMD14; p110D; P110DELTA; phosphatidylinositol 4,5-bisphosphate 3-kinase catalytic subunit delta isoform; PI3Kdelta; phosphoinositide-3-kinase C; PI3-kinase p110 subunit delta; ptdIns-3-kinase subunit p110-delta; phosphoinositide-3-kinase, catalytic, delta polypeptide variant p37delta; phosphatidylinositol-4,5-bisphosphate 3-kinase 110 kDa catalytic subunit delta; phosphatidylinositol-4,5-bisphosphate 3-kinase catalytic subunit delta isoform;
Entrez Gene ID	5293
Protein Refseq	NP_005017
UniProt ID	A7E2E0
Chromosome Location	1p36.2
Pathway	3-phosphoinositide biosynthesis; AMPK signaling pathway; Adaptive Immune System; Aldosterone-regulated sodium reabsorption.
Function	1-phosphatidylinositol-3-kinase activity; 1-phosphatidylinositol-4-phosphate 3-kinase activity; ATP binding; phosphatidylinositol 3-kinase activity

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221
© Creative Diagnostics All Rights Reserved