



# PI 3-Kinase p110 $\delta$ rabbit pAb

Cat No.:ES4267

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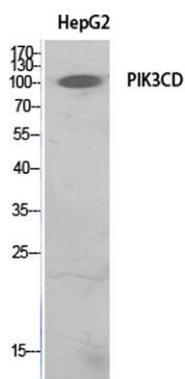
## Overview

<b>Product Name</b>	PI 3-Kinase p110 $\delta$ rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;IHC;IF;ELISA
<b>Species Cross-Reactivity</b>	Human;Mouse
<b>Recommended dilutions</b>	Western Blot: 1/500 - 1/2000. IHC-p: 1:100-1:300. ELISA: 1/20000. Not yet tested in other applications.
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from the N-terminal region of human PIK3CD. AA range:41-90
<b>Specificity</b>	PI 3-Kinase p110 $\delta$ Polyclonal Antibody detects endogenous levels of PI 3-Kinase p110 $\delta$ protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Phosphatidylinositol 4,5-bisphosphate 3-kinase catalytic subunit delta isoform
<b>Gene Name</b>	PIK3CD
<b>Cellular localization</b>	Cytoplasm .
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	120kD
<b>Human Gene ID</b>	5293
<b>Human Swiss-Prot Number</b>	O00329
<b>Alternative Names</b>	PIK3CD; Phosphatidylinositol 4,5-bisphosphate 3-kinase catalytic subunit delta isoform; PI3-kinase subunit delta; PI3K-delta; PI3Kdelta; PtdIns-3-kinase subunit delta; Phosphatidylinositol 4,5-bisphosphate 3-kinase 110 kDa catalytic subunit delta; PtdIns-Phosphoinositide 3-kinases (PI3Ks) phosphorylate inositol lipids and are involved in the immune
<b>Background</b>	





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],



Western Blot analysis of HepG2 cells using PI 3-Kinase p110 $\delta$  Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000

Immunohistochemical analysis of paraffin-embedded mouse-brain, antibody was diluted at 1:100

