



# PI 3-Kinase p85 $\beta$ rabbit pAb

Cat No.:ES8782

For research use only

## Overview

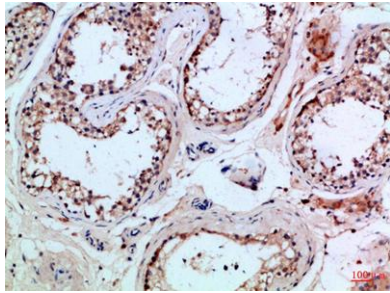
<b>Product Name</b>	PI 3-Kinase p85 $\beta$ rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;IHC;IF;ELISA
<b>Species Cross-Reactivity</b>	Human;Mouse;Rat
<b>Recommended dilutions</b>	IHC-p 1:50-200, ELISA 1:10000-20000
<b>Immunogen</b>	Synthetic peptide from human protein at AA range: 1-60
<b>Specificity</b>	The antibody detects endogenous PI 3-Kinase p85 $\beta$
<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 3-kinase regulatory subunit beta (PI3-kinase regulatory subunit beta) (PI3K regulatory subunit beta) (PtdIns-3-kinase regulatory subunit beta) (Phosphatidylinositol 3-kinase 85 kD
<b>Gene Name</b>	PIK3R2
<b>Cellular localization</b>	nucleus,cytosol,phosphatidylinositol 3-kinase complex,
<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>	
<b>Human Gene ID</b>	5296
<b>Human Swiss-Prot Number</b>	O00459
<b>Alternative Names</b>	Phosphatidylinositol 3-kinase regulatory subunit beta (PI3-kinase regulatory subunit beta;PI3K regulatory subunit beta;PtdIns-3-kinase regulatory subunit beta;Phosphatidylinositol 3-kinase 85 kDa regulatory subunit beta;PI3-kinase subunit p85-beta;PtdIns-
<b>Background</b>	Phosphatidylinositol 3-kinase (PI3K) is a lipid kinase



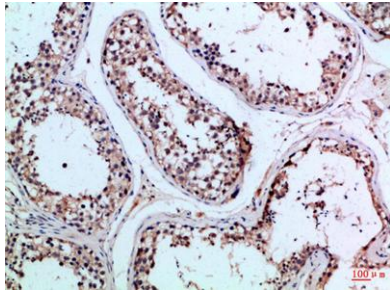


that phosphorylates phosphatidylinositol and similar compounds, creating second messengers important in growth signaling pathways. PI3K functions as a heterodimer of a regulatory and a catalytic subunit. The protein encoded by this gene is a regulatory component of PI3K. Two transcript variants, one protein coding and the other non-protein coding, have been found for this gene. [provided by RefSeq, Dec 2012],

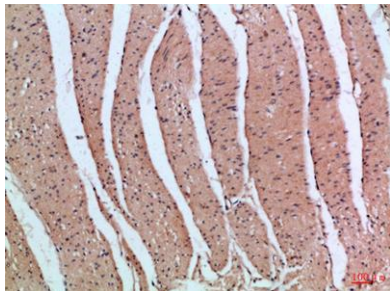
Immunohistochemical analysis of paraffin-embedded Human-testis, antibody was diluted at 1:100



Immunohistochemical analysis of paraffin-embedded Human-testis, antibody was diluted at 1:100



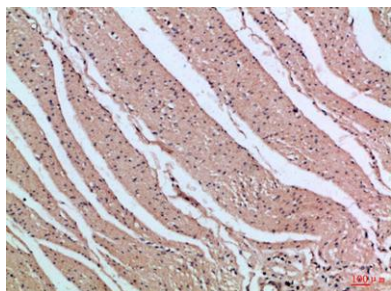
Immunohistochemical analysis of paraffin-embedded Human-colon, antibody was diluted at 1:100





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Immunohistochemical analysis of paraffin-embedded  
Human-colon, antibody was diluted at 1:100



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