

## PI 3-Kinase p85 Beta Polyclonal Antibody

### Description

Product type	Primary Antibody
Code	BT-AP07149
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	Synthetic peptide from human protein at AA range: 1-60
Mol wt	81624
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	IHC-p, ELISA
Concentration	1 mg/ml
Full name	PI 3-Kinase p85beta Antibody
Synonyms	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)

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

### Background

Phosphoinositide 3-kinases (PI3Ks) phosphorylate inositol lipids and are involved in the immune response. The protein encoded by PIK3CG (phosphatidylinositol-4,5-bisphosphate 3-kinase catalytic subunit gamma) is a class I catalytic subunit of PI3K. Like other class I catalytic subunits (p110-alpha p110-beta, and p110-delta), the encoded protein binds a p85 regulatory subunit to form PI3K. This gene is located in a commonly deleted segment of chromosome 7 previously identified in myeloid leukemias. Several transcript variants encoding the same protein have been found for PIK3CG.

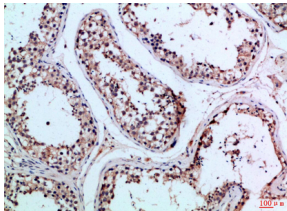
### Recommended Dilution

IHC-p: 1: 50 - 200

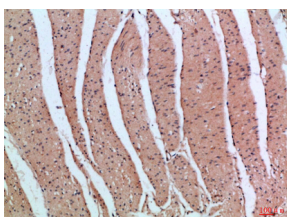
ELISA: 1: 10000 - 20000

Not yet tested in other applications.

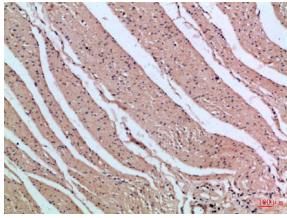
### Images



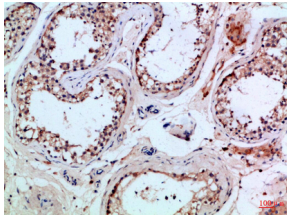
Immunohistochemical analysis of paraffin-embedded Human-testis, antibody was diluted at 1:100



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



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



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

### Storage

-20°C for one year

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