

PI 3-kinase p101 Rabbit pAb

CatalogNo: YT3708

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse

Applications

- WB, IHC, IF, ELISA

MW

- 100kD (Observed)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-1:2000

IHC 1:100-1:300

ELISA 1:20000

IF 1:50-200

Storage

Storage*

-15°C to -25°C/1 year (Do not lower than -25°C)

Formulation

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality

Polyclonal

Immunogen Information

Immunogen

The antiserum was produced against synthesized peptide derived from human PIK3R5. AA range: 695-744

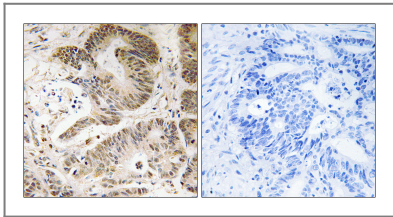
Specificity

PI 3-kinase p101 Polyclonal Antibody detects endogenous levels of PI 3-kinase p101 protein.

Target Information

Gene name	PIK3R5		
Protein Name	Phosphoinositide 3-kinase regulatory subunit 5		
	Organism	Gene ID	UniProt ID
	Human	23533 ;	Q8WYR1 ;
	Mouse	320207 ;	Q5SW28 ;
Cellular Localization	Nucleus . Cytoplasm . Cell membrane ; Peripheral membrane protein . Predominantly localized in the nucleus in absence of PIK3CG/p120. Colocalizes with PIK3CG/p120 in the cytoplasm. Translocated to the plasma membrane in a beta-gamma G protein-dependent manner. .		
Tissue specificity	Ubiquitously expressed with high expression in fetal brain compared to adult brain. Abundant expression is observed in cerebellum, cerebral cortex, cerebral meninges, and vermis cerebelli.		
Function	Domain:The heterodimerization region allows the binding to the catalytic subunit.,enzyme regulation:Greatly activated by G gamma proteins.,Function:Regulatory subunit of the PI3K gamma complex.,subunit:Heterodimer of a catalytic subunit (PIK3CG/p120) and a regulatory (PIK3R5a/p101) subunit. Interacts with G beta gamma proteins.,tissue specificity:Highly expressed in leukocytes, followed by spleen, lymph node, thymus and bone marrow.,		

Validation Data



Immunohistochemistry analysis of paraffin-embedded human colon carcinoma tissue, using PIK3R5 Antibody. The picture on the right is blocked with the synthesized peptide.

Contact information

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PI 3-kinase p101
Rabbit pAb

