

IHC*easy* PIK3R3 Ready-To-Use IHC Kit

Catalog Number: **KHC2746**

General Information

Sample type:
FFPE tissue
Cited sample type:
Reactivity:
Human, Mouse, Rat
Cited Reactivity:

Assay type:
Immunohistochemistry
Primary antibody type:
Rabbit Polyclonal
Secondary antibody type:
Polymer-HRP-Goat anti-Rabbit

Kit Component

Component	Size	Concentration
Antigen Retrieval Buffer	100 mL	50×
Washing Buffer	100 mL ×2	20×
Blocking Buffer	5 mL	RTU
Primary Antibody	5 mL	RTU
Secondary Antibody	5 mL	RTU
Chromogen Component A	0.2 mL	RTU
Chromogen Component B	4 mL	RTU
Signal Enhancer	5 mL	RTU
Counter Staining Reagent	5 mL	RTU
Mounting Media	5 mL	RTU
Control Slide	1 slide (Optional)	FFPE
Datasheet	1 Copy	
Manual	1 Copy	

Storage Instructions

All the reagents are stored at 2-8°C. The kit is stable for 6 months from the date of receipt.

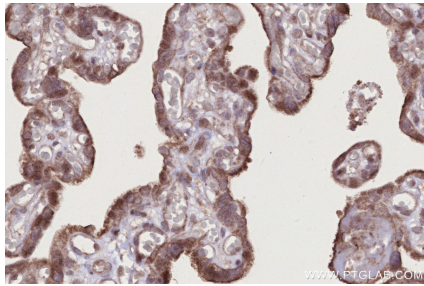
Background

PIK3R3, also named as p55PIK, belongs to the PI3K p85 subunit family. It binds to activated (phosphorylated) protein-tyrosine kinases through its SH2 domain and regulates their kinase activity. During INS stimulation, it also binds to IRS-1. It is a component of a heterodimer of p110 (catalytic) and p55 (regulatory) subunits.

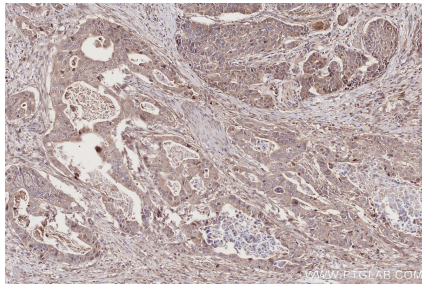
Synonyms

PI3 Kinase p55 Gamma, p55, p55 GAMMA, p55PIK, Phosphatidylinositol 3-kinase 55 kDa regulatory subunit gamma

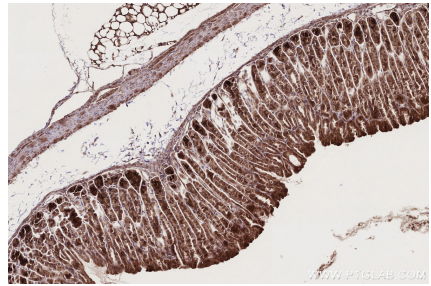
Selected Validation Data



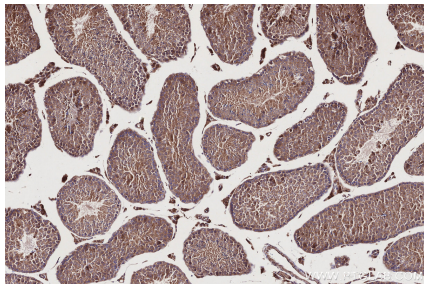
Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using KHC2746 (PIK3R3 IHC Kit).



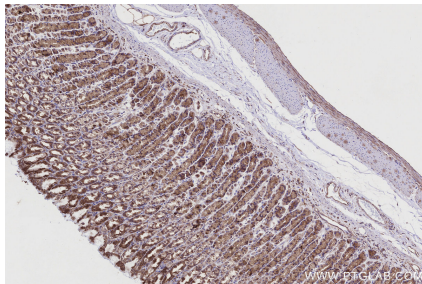
Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using KHC2746 (PIK3R3 IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse stomach tissue slide using KHC2746 (PIK3R3 IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using KHC2746 (PIK3R3 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat stomach tissue slide using KHC2746 (PIK3R3 IHC Kit).