PI 3 Kinase Class 3 Polyclonal Antibody

Catalog No. E-AB-16184

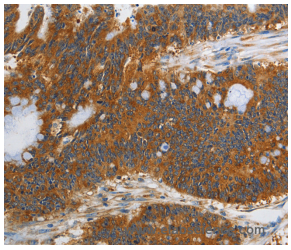
Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

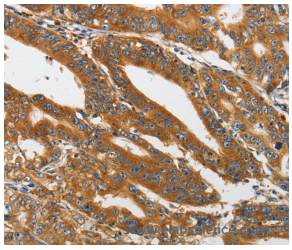
Reactivity	Human,Mouse,Rat
Immunogen	Synthetic peptide of human PIK3C3
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Buffer	PBS with 0.05% sodium azide and 50% glycerol, PH7.4

Applications	Recommended Dilution
IHC	1:50-1:200

Data



Immunohistochemistry of paraffin-embedded Human colon cancer tissue using PI 3 Kinase Class 3 Polyclonal Antibody at dilution 1:40



Immunohistochemistry of paraffin-embedded Human gastric cancer tissue using PI 3 Kinase Class 3 Polyclonal Antibody at dilution 1:40

Preparation & Storage

Storage	Store at -20℃. Avoid freeze / thaw cycles.

Background

Phosphatidylinositol 3-kinase catalytic subunit type 3 is an enzyme that in humans is encoded by thePIK3C3 gene.PI3KC3 is a catalytic subunit of the PI3K complex involved in the transport of lysosomal enzyme precursors to lysosomes.This enzyme acts catalytically to convert 1-phosphatidyl-1D-myo-inositol to 1-phosphatidyl-1D-myo-inositol 3-phosphate Macroautophagy is the major inducible pathway for the general turnover of cytoplasmic constituents in eukaryotic cells, it is also responsible for the degradation of active cytoplasmic enzymes and organelles during nutrient starvation.

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