PIK3C3 Antibody

Catalog No: #37356

Package Size: #37356-1 50ul #37356-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

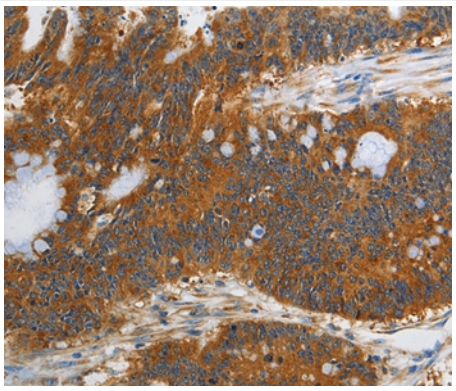
Description

Product Name	PIK3C3 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	IHC
Species Reactivity	Human;Mouse;Rat
Specificity	The antibody detects endogenous levels of total PIK3C3 protein.
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human phosphatidylinositol 3-kinase, catalytic subunit type 3
Conjugates	Unconjugated
Target Name	PIK3C3
Other Names	VPS34; hVps34
Accession No.	Swiss-Prot#: Q8NEB9NCBI Gene ID: 5289Gene Accssion: NP_002638
Concentration	1.5mg/ml
Formulation	Rabbit IgG in pH7.3 PBS, 0.05% NaN3, 50% Glycerol.
Storage	Store at -20°C

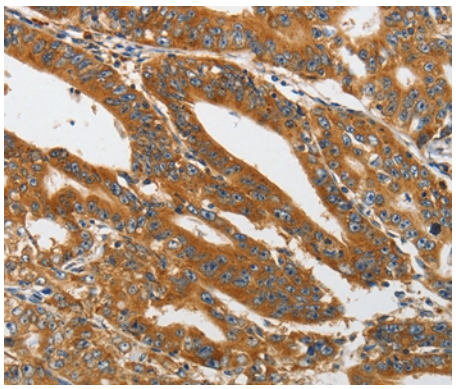
Application Details

Immunohistochemistry: 1:50-1:200

Images



Immunohistochemical analysis of paraffin-embedded Human colon cancer tissue using #37356 at dilution 1/40.



Immunohistochemical analysis of paraffin-embedded Human gastric cancer tissue using #37356 at dilution 1/40.

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.

Published Papers

Yan Xia Yu;Hai Jian Wu;Bing Xu Tan;Chen Qiu;Hui Zhong Liu el at., CSF-1R regulates non-small cell lung cancer cells dissemination through Wnt3a signaling., , (2017)

PMID:29218239

Note: This product is for in vitro research use only and is not intended for use in humans or animals.