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Datasheet for ABIN7242902
anti-PIK3C3 antibody

2 Images

Overview

Quantity:	200 µL
Target:	PIK3C3
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PIK3C3 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Synthetic peptide of human PIK3C3
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

Target Details

Target:	PIK3C3
Alternative Name:	PI 3 Kinase Class 3 (PIK3C3 Products)
Background:	Phosphatidylinositol 3-kinase catalytic subunit type 3 is an enzyme that in humans is encoded by the PIK3C3 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

Target Details

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.

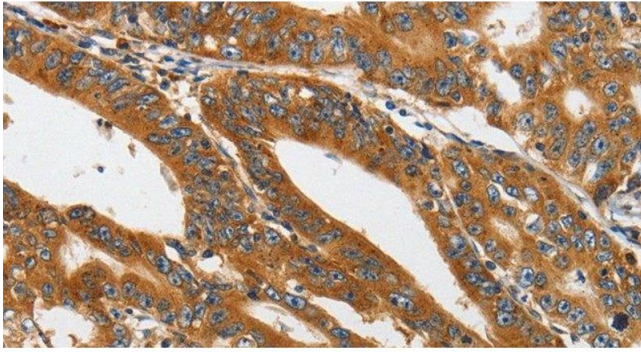
NCBI Accession:	NP_002638
UniProt:	Q8NEB9
Pathways:	AMPK Signaling , Activation of Innate immune Response , Inositol Metabolic Process , Toll-Like Receptors Cascades , Autophagy

Application Details

Application Notes:	IHC 1:50-1:200
Restrictions:	For Research Use only

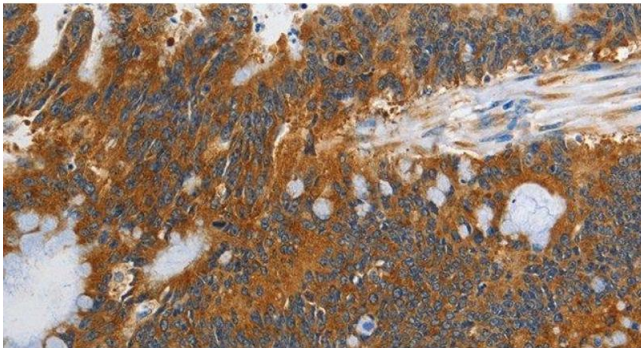
Handling

Format:	Liquid
Concentration:	0.3 mg/mL
Buffer:	PBS with 0.05 % sodium azide and 50 % glycerol, PH7.4
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Immunohistochemistry (Paraffin-embedded Sections)

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



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Immunohistochemistry of paraffin-embedded Human colon cancer tissue using PI 3 Kinase Class 3 Polyclonal Antibody at dilution 1:40