

PIK3CA Antibody

Catalog No: #43766

Package Size: #43766 100ul

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

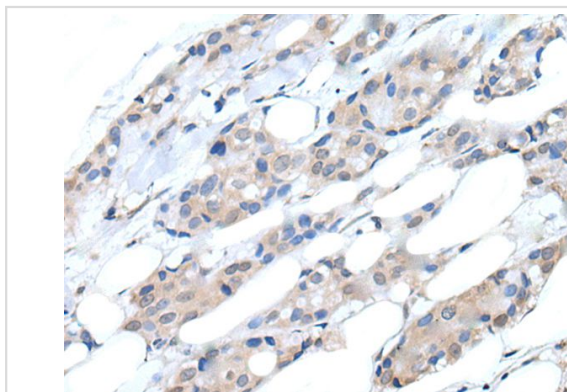
Description

Product Name	PIK3CA Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total PIK3CA protein.
Immunogen Type	peptide
Immunogen Description	Synthetic peptide of human PIK3CA
Conjugates	Unconjugated
Target Name	PIK3CA
Other Names	MCM; CWS5; MCAP; PI3K; CLOVE; MCMTC; p110-alpha
Accession No.	Swiss-Prot#: P42336NCBI Gene ID: 5290
Concentration	0.7mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

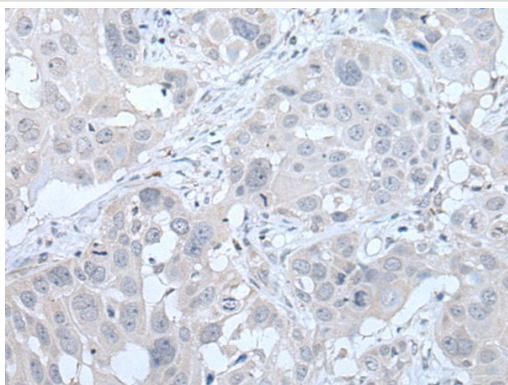
Application Details

Immunohistochemistry: 1: 20-100

Images



The image on the left is immunohistochemistry of paraffin-embedded Human breast cancer tissue using PIK3CA Antibody at dilution 1/25, on the right is treated with synthetic peptide. (Original magnification: x200)



The image on the left is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using PIK3CA Antibody at dilution 1/25, on the right is treated with synthetic peptide. (Original magnification: x200)

Background

Phosphatidylinositol 3-kinase is composed of an 85 kDa regulatory subunit and a 110 kDa catalytic subunit. The protein encoded by this gene represents the catalytic subunit, which uses ATP to phosphorylate PtdIns, PtdIns4P and PtdIns(4,5)P2. This gene has been found to be oncogenic and has been implicated in cervical cancers.

Published Papers

Yan Xia Yu;Hai Jian Wu;Bing Xu Tan;Chen Qiu;Hui Zhong Liu et al., 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.