

PIK3CB Antibody

Catalog No: #37828

Package Size: #37828 100ul

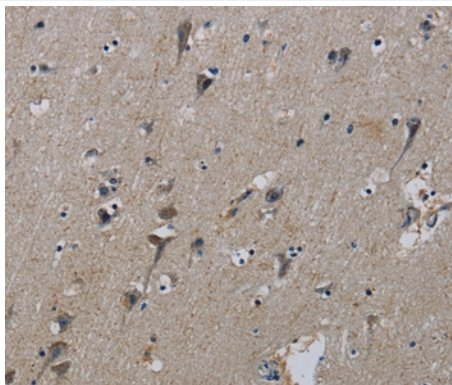
Description

Product Name	PIK3CB Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total PIK3CB protein.
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human phosphatidylinositol-4,5-bisphosphate 3-kinase, catalytic subunit beta
Conjugates	Unconjugated
Target Name	PIK3CB
Other Names	PI3K; PIK3C1; P110BETA; PI3KBETA
Accession No.	Swiss-Prot#: P42338NCBI Gene ID: 5291Gene Accssion: NP_006210/P42338
Concentration	3.1mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

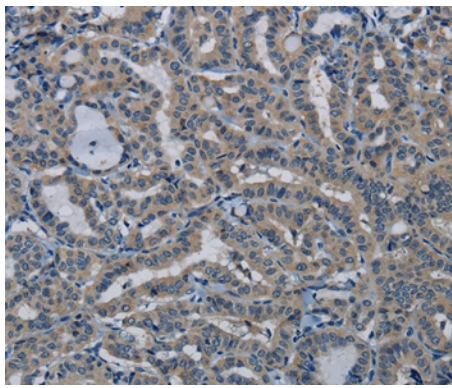
Application Details

Immunohistochemistry: 1:50-1:200

Images



Immunohistochemical analysis of paraffin-embedded Human brain tissue using #37828 at dilution 1/50.



Immunohistochemical analysis of paraffin-embedded Human thyroid cancer tissue using #37828 at dilution 1/50.

Background

This gene encodes an isoform of the catalytic subunit of phosphoinositide 3-kinase (PI3K). These kinases are important in signaling pathways involving receptors on the outer membrane of eukaryotic cells and are named for their catalytic subunit. The encoded protein is the catalytic subunit for PI3Kbeta (PI3KB). PI3KB has been shown to be part of the activation pathway in neutrophils which have bound immune complexes at sites of injury or infection. Alternative splicing results in multiple transcript variants.?

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.