

PIK3CG Antibody

Catalog No: #37827

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

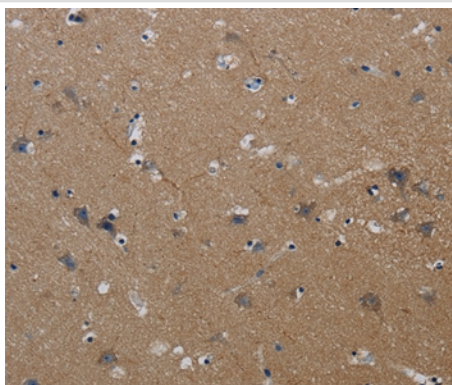
Description

| | |
|-----------------------|--|
| Product Name | PIK3CG Antibody |
| Host Species | Rabbit |
| Clonality | Polyclonal |
| Purification | Antigen affinity purification. |
| Applications | IHC |
| Species Reactivity | Hu |
| Specificity | The antibody detects endogenous levels of total PIK3CG protein. |
| Immunogen Type | Peptide |
| Immunogen Description | Synthetic peptide corresponding to residues near the N terminal of human phosphatidylinositol-4,5-bisphosphate 3-kinase, catalytic subunit gamma |
| Target Name | PIK3CG |
| Other Names | PI3K; PIK3; PI3CG; PI3Kgamma; p110gamma; p120-PI3K |
| Accession No. | Swiss-Prot#: P48736NCBI Gene ID: 5294Gene Accssion: NP_002640/P48736 |
| Uniprot | P48736 |
| GeneID | 5294; |
| Concentration | 2.3mg/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 #37827 at dilution 1/40.

Background

This gene encodes a protein that belongs to the pi3/pi4-kinase family of proteins. The gene product is an enzyme that phosphorylates phosphoinositides on the 3-hydroxyl group of the inositol ring. It is an important modulator of extracellular signals, including those elicited by

E-cadherin-mediated cell-cell adhesion, which plays an important role in maintenance of the structural and functional integrity of epithelia. In addition to its role in promoting assembly of adherens junctions, the protein is thought to play a pivotal role in the regulation of cytotoxicity in NK cells.?

Note: This product is for in vitro research use only