Datasheet for ABIN360438
anti-PIK3C2G antibody ( N -Term)
1 Image

## Overview

| Quantity: | 0.4 mL |
| :--- | :--- |
| Target: | PIK3C2G |
| Binding Specificity: | N-Term |
| Reactivity: | Human |
| Host: | Polyclonal |
| Clonality: | This PIK3C2G antibody is un-conjugated |
| Conjugate: | Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA) |
| Application: |  |

Product Details

| Immunogen: | This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide |
| :--- | :--- |
| selected from the N-terminal region of human PI3KC2G. |  |
| Isotype: | Ig Fraction |
| Specificity: | This antibody reacts to PI3KC2G. |
| Purification: | Protein G column, eluted with high and low pH buffers and neutralized immediately, followed by |
|  | dialysis against PBS |

Target Details

Target:
Alternative Name:

PIK3C2G

PIK3C2G (PIK3C2G Products)

| Background: | PI3KC2G belongs to the phosphoinositide 3-kinase (PI3K) family. PI3-kinases play roles in signaling pathways involved in cell proliferation, oncogenic transformation, cell survival, cell migration, and intracellular protein trafficking. This protein contains a lipid kinase catalytic domain as well as a C-terminal C2 domain, a characteristic of class II PI3-kinases. C2 domains act as calcium-dependent phospholipid binding motifs that mediate translocation of proteins to membranes, and may also mediate protein-protein interactions. The biological function of this gene has not yet been determined. Synonyms: PI3K C2 gamma, PI3K-C2-gamma, Phosphatidylinositol-4-phosphate 3-kinase C2 domain-containing subunit gamma, Phosphoinositide 3-kinase-C2-gamma, Ptdlns-3-kinase C2 subunit gamma |
| :---: | :---: |
| Gene ID: | 5288,9606 |
| UniProt: | 075747 |
| Pathways: | Inositol Metabolic Process |
| Application Details |  |
| Application Notes: | ELISA: 1/1,000. Immunohistochemistry: 1/50-1/100. <br> Other applications not tested. <br> Optimal dilutions are dependent on conditions and should be determined by the user. |
| Restrictions: | For Research Use only |
| Handling |  |
| Format: | Liquid |
| Concentration: | $0.25 \mathrm{mg} / \mathrm{mL}$ |
| Buffer: | PBS with $0.09 \%$ (W/V) sodium azide |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Handling Advice: | Avoid repeated freezing and thawing. |
| Storage: | $4^{\circ} \mathrm{C} /-20^{\circ} \mathrm{C}$ |
| Storage Comment: | Store the antibody undiluted at $2-8^{\circ} \mathrm{C}$ for one month or (in aliquots) at- $20^{\circ} \mathrm{C}$ for longer. |



Image 1.

