

PI4KA Polyclonal Antibody

Catalog number: 12411-1-AP

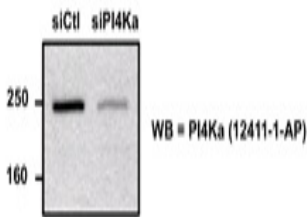
Size: 26 µg/150 µl

Source: Rabbit

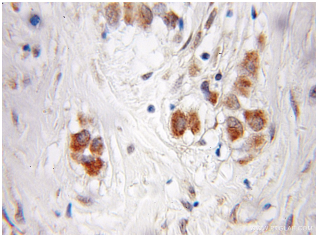
Isotype: IgG

Synonyms:

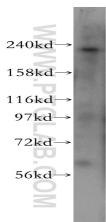
PI4KA; FLJ16556, PI4 kinase alpha, PI4K ALPHA, pi4K230, PI4KA, PIK4, PIK4CA, PtdIns 4 kinase alpha



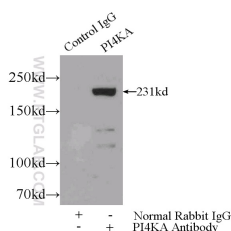
WB result of anti- PI4KA (12411-1-AP) with NIH-3T3 cells (RNAi).



Immunohistochemical of paraffin-embedded human breast cancer using 12411-1-AP (PI4KA antibody) at dilution of 1:50 (under 10x lens)



human brain tissue were subjected to SDS PAGE followed by western blot with 12411-1-AP (PI4KA antibody) at dilution of 1:400



IP Result of anti-PI4KA

(IP:12411-1-AP, 5µg;

Detection:12411-1-AP 1:500)

Background

PI4KA, also named as PIK4, PIK4CA, belongs to the PI3/PI4-kinase family and Type III PI4K subfamily. It acts on phosphatidylinositol (PtdIns) in the first committed step in the production of the second messenger inositol-1,4,5,-trisphosphate. PI4KA plays a role in the formation of membrane complexes where HCV replication takes place. (PMID:19605471).

Applications

| | |
|--------------------------|--|
| Tested applications: | ELISA, WB, IHC, IP |
| Cited applications: | WB |
| Species specificity: | Human, Mouse, Rat; other species not tested. |
| Cited species: | Human |
| Calculated PI4KA MW: | 2044aa, 231 kDa |
| Observed PI4KA MW: | 231 kDa |
| Positive WB detected in | Human brain tissue, HeLa cells, mouse brain tissue, NIH-3T3 cells (RNAi) |
| Positive IP detected in | Mouse brain tissue |
| Positive IHC detected in | Human breast cancer tissue, human placenta tissue |
| Recommended dilution: | WB: 1:200-1:2000 IP: 1:200-1:2000 IHC: 1:20-1:200 |

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

| | |
|---------------------------|---|
| Immunogen: | Ag3062 |
| GenBank accession number: | BC018120 |
| Gene ID (NCBI): | 5297 |
| Full name: | Phosphatidylinositol 4-kinase, catalytic, alpha |

Product information

| | |
|----------------------|--|
| Purification method: | Antigen affinity purification |
| Storage: | PBS with 0.02% sodium azide and 50% glycerol pH 7.3. Store at -20°C. |

with mouse brain tissue lysate
4000ug.