

ARG64089 anti-PIK3CA / p110 alpha antibody

Package: 100 µg
Store at: -20°C

Summary

| | |
|---------------------|--|
| Product Description | Goat Polyclonal antibody recognizes PIK3CA / p110 alpha |
| Tested Reactivity | Hu |
| Predict Reactivity | Ms, Rat, Cow, Dog |
| Tested Application | IHC-P |
| Host | Goat |
| Clonality | Polyclonal |
| Isotype | IgG |
| Target Name | PIK3CA / p110 alpha |
| Species | Mouse |
| Immunogen | C-HQWLKDKNKGEIYD |
| Conjugation | Un-conjugated |
| Alternate Names | MCM; MCMTC; p110alpha; PI3-kinase subunit alpha; PI3K; CWS5; p110-alpha; PI3Kalpha; CLOVE; EC 2.7.1.153; MCAP; PtdIns-3-kinase subunit p110-alpha; EC 2.7.11.1; Phosphatidylinositol 4,5-bisphosphate 3-kinase catalytic subunit alpha isoform; Phosphatidylinositol 4,5-bisphosphate 3-kinase 110 kDa catalytic subunit alpha; PI3K-alpha; PtdIns-3-kinase subunit alpha; Phosphoinositide-3-kinase catalytic alpha polypeptide; Serine/threonine protein kinase PIK3CA |

Application Instructions

| Application table | Application | Dilution |
|-------------------|-------------|-------------|
| | IHC-P | 2 - 5 µg/ml |

Application Note IHC-P: Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0).
* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

| | |
|---------------------|--|
| Form | Liquid |
| Purification | Purified from goat serum by antigen affinity chromatography. |
| Buffer | Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA. |
| Preservative | 0.02% Sodium azide |
| Stabilizer | 0.5% BSA |
| Concentration | 0.5 mg/ml |
| Storage instruction | For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed |

before use.

Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links

[GeneID: 5290 Human](#)

[Swiss-port # P42336 Human](#)

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. [provided by RefSeq, Jul 2008]

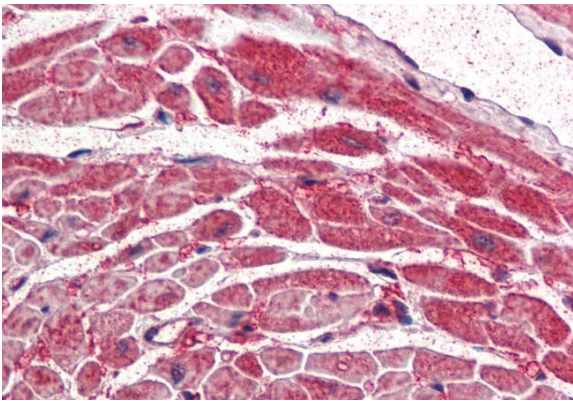
Research Area

Cell Biology and Cellular Response antibody; Metabolism antibody; Neuroscience antibody

Calculated Mw

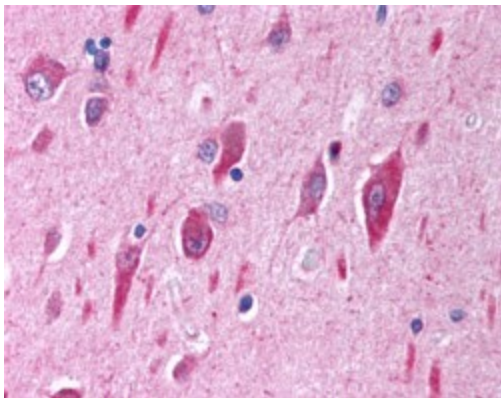
124 kDa

Images



ARG64089 anti-PIK3CA / p110 alpha antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human heart tissue. Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). The tissue section was stained with ARG64089 anti-PIK3CA / p110 alpha antibody at 5 µg/ml dilution followed by AP-staining.



ARG64089 anti-PIK3CA / p110 alpha antibody IHC-P image

Immunohistochemistry: Paraffin embedded Human Brain (Cerebellar Cortex). (Steamed antigen retrieval with citrate buffer pH 6) stained with ARG64089 anti-PIK3CA / p110 alpha antibody at 2.5 µg/ml dilution followed by AP-staining.