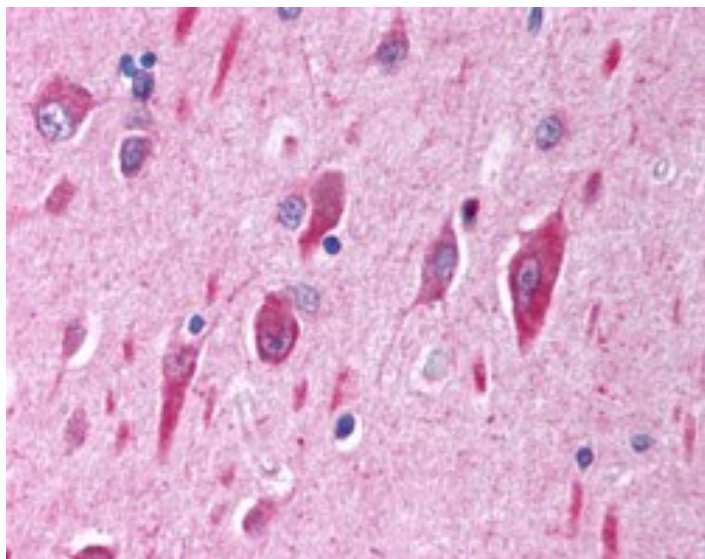


GOAT ANTI-PIK3CA / P110ALPHA ANTIBODY

SKU: EB07512



SPECIFICATIONS

Formulation Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Unit Size 100 µg

Storage Instructions Aliquot and store at -20°C. Minimize freezing and thawing.

Synonym / Alias Names phosphatidylinositol-4, 5-bisphosphate 3-kinase catalytic subunit, alpha isoform|phosphatidylinositol 3-kinase, catalytic, alpha polypeptide|phosphatidylinositol 3-kinase, catalytic, 110-KD, alpha|PtdIns-3-kinase p110|PI3-kinase p110 subunit alpha|PI3K|MGC142163|MGC142161|phosphoinositide-3-kinase, catalytic, alpha polypeptide|p110-alpha|PIK3CA

Accession ID NP_006209.2

Blocking Peptide EBP07512

Immunogen Peptide with sequence C-HQWLKDKNKGEIYD, from the internal region of the protein sequence according to NP_006209.2.

Peptide Sequence C-HQWLKDKNKGEIYD

Purification Method Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

| | |
|------------------------------|--|
| Shipping Instructions | Refrigerated |
| Predicted Species | Human, Mouse, Rat, Dog, Cow |
| Reactive Species | Human |
| Human Gene ID | 5290 |
| Mouse Gene ID | 18706 |
| Rat Gene ID | 170911 |
| Product Grade | https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png |
| IHC Results | In paraffin embedded Human Brain (Cerebral Cortex) shows cytoplasm stained in the cell bodies. Recommended concentration: 2-3µg/ml. Paraffin embedded Human Heart. Recommended concentration: 5µg/ml. This antibody has been successfully used in IHC on Human in the following paper: Abubaker J et al. (2009) PMID: 19638206. |
| ELISA Detection Limit | Antibody detection limit dilution 1:128000. |
| Western Blot | Preliminary experiments in lysates of cell lines A431, HeLa and Jurkat gave no specific signal but low background (at antibody concentration up to 1µg/ml). |
| Application Type | Pep-ELISA, IHC |

SELECTED REFERENCES

[{"pmid": 19638206, "intro": "**This antibody has been successfully used in IHC on Human:**", "title": "PIK3CA alterations in Middle Eastern ovarian cancers.", "author": "Abubaker J, Bavi P, Al-Haqawi W, Jehan Z, Munkarah A, Uddin S, Al-Kuraya KS.", "journal": "Mol Cancer. 2009 Jul 28;8:51."}]

DOCUMENTS

- [Data Sheet](#)

GALLERY IMAGES

