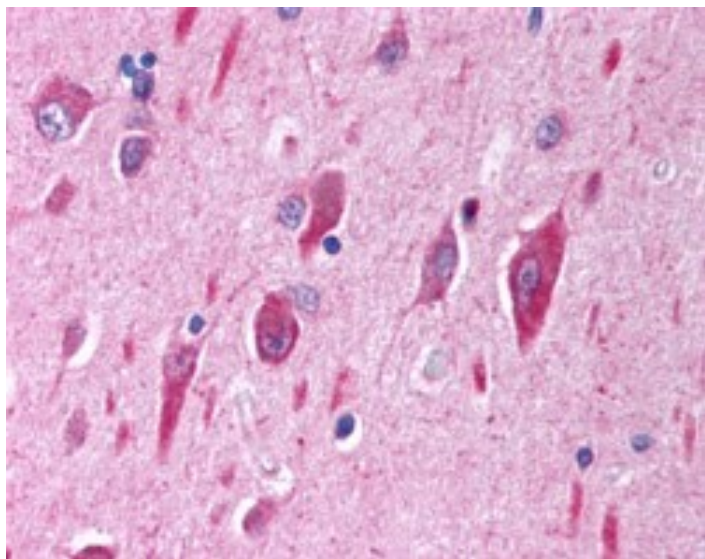


GOAT ANTI-PIK3CA / P110ALPHA ANTIBODY

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

