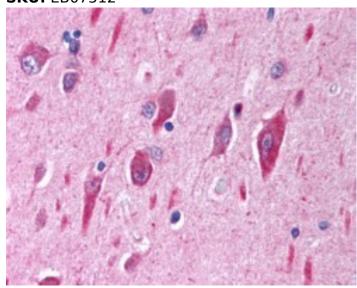


Telephone: (650) 697-3600



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

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|Ptdlns-3-kinase p110|Pl3kinase 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

C-HQWLKDKNKGEIYD

Sequence

Purification Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography

Method using the immunizing peptide.





Email: customerservice@vectorlabs.com

Telephone: (650) 697-3600

Shipping Refrigerated

e erest

Instructions

Human, Mouse, Rat, Dog, Cow

Species Reactive

Predicted

Human **Species**

Human Gene ID

5290

Mouse **Gene ID**

18706

Rat Gene ID 170911

Product

https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png Grade

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: **IHC Results**

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

Antibody detection limit dilution 1:128000.

Limit

Western

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

Blot

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-Hagawi W, Jehan Z, Munkarah A, Uddin S, Al-Kuraya KS.", "journal": "Mol Cancer. 2009 Jul 28;8:51."}]

GALLERY IMAGES

