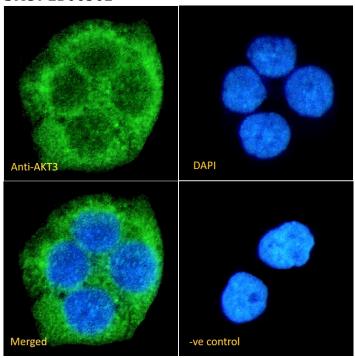


Email: customerservice@vectorlabs.com

Telephone: (650) 697-3600

GOAT ANTI-AKT3 ANTIBODY

SKU: EB06562



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.

Alias

Synonym / RAC-gamma serine/threonine protein kinase|serine threonine protein kinase, Akt-3|protein kinase B gamma|v-akt murine thymoma viral oncogene homolog 3 (protein kinase B, gamma)|DKFZP434N0250|RAC-PK-gamma|RAC-

Names gamma|STK-2|PRKBG|PKBG|AKT3

Usage Summary

Immunofluorescence: Strong expression of the protein seen in THP-1 and A431 cells. Recommended concentration: 10µg/ml. Flow Cytometry: Flow cytometric analysis of HepG2

cells. Recommended concentration: 10ug/ml.

Accession

NP 005456.1; NP 859029.1

Blocking Peptide

EBP06562





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Immunogen

Peptide with sequence CSPTSQIDNIGEEEM, from the internal region of the protein sequence according to

NP_005456.1; NP_859029.1.

Product Comments This antibody is expected to recognise an epitope corresponding to aa 119-133 of both isoforms of human AKT3 protein. This antibody does not cross-react with human AKT1/2. Reported variants represent identical protein

(NP 859029.1; NP 001193658.1).

Peptide Sequence

CSPTSQIDNIGEEEM

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

Method the immunizing peptide.

Shipping Instructions

Refrigerated

Predicted Species

Human, Mouse, Rat, Dog, Cow

Reactive

Species

Human, Mouse, Rat

Human Gene ID

10000

Product

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

IHC Results Paraffin embedded Human Prostate and Heart. Recommended concentration: 5µg/ml.

ELISA

Detection Antibody detection limit dilution 1:16000.

Limit

Approx. 50-55kDa band observed in lysates of cell lines HepG2, and HeLa, approx. 55kDa in Human Thyroid lysates, and approx. 50kDa in Mouse and Rat Brain lysates (calculated MW of 54.0kDa according to Human

Western

Blot

NP_859029.1 and 55.7kDa according to Mouse NP_035915.3 and Rat NP_113763.2). Recommended concentration:

1-3µg/ml. Primary incubation 1 hour at room temperature. Positive Control: A batch specific positive control lysate is available for this product. Please contact Sales@everestbiotech.com for availability.

Application

Type

Pep-ELISA, WB, IHC, IF, FC

GALLERY IMAGES





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