www.everestbiotech.com
Email: customerservice@vectorlabs.com
Telephone: (650) 697-3600

GOAT ANTI-AKT1 ANTIBODY

SKU: EB06875

www.everestbiotech.com
Email: customerservice@vectorlabs.com
Telephone: (650) 697-3600

www.everestbiotech.com
Email: customerservice@vectorlabs.com
Telephone: (650) 697-3600

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	rac protein kinase alpha|protein kinase B|murine thymoma viral (v-akt) oncogene homolog-1|RAC-alpha serine/threonine-protein kinase|RAC-ALPHA|RAC|PRKBA|PKB|MGC99656|HGNC:391|v-akt murine thymoma viral oncogene homolog 1|AKT1
Accession ID	NP_005154.2; NP_001014432.1; NP_001014431.1
Blocking Peptide	EBP06875
Immunogen	Peptide with sequence C-EVSLAKPKHR, from the internal region of the protein sequence according to NP_005154.2; NP_001014432.1; NP_001014431.1.
Product Comments	Variants one, two and three encode the same protein (NP_005154, NP_001014432, NP_001014431). No cross-reactivity expected with AKT2 or AKT3.
Peptide Sequence	C-EVSLAKPKHR
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, Cow
Reactive Species	Human, Mouse
Human Gene ID	207
Product Grade	https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png
ELISA Detection Limit	Antibody detection limit dilution 1:16000.
Western Blot	Approx 60kDa band observed in MCF7 and approx. 60-65kDa in NIH3T3 cell lysates (calculated MW of 55.7kDa according to Human NP_005154.2 and Mouse NP_033782.1). This molecular weight is routinely observed by other sources. Recommended concentration: 2-3ug/ml. Primary incubation 1 hour at room temperature.
Application Type	Pep-ELISA, WB

www.everestbiotech.com
Email: customerservice@vectorlabs.com
Telephone: (650) 697-3600

DOCUMENTS

- Data Sheet

GALLERY IMAGES