

# GOAT ANTI-AKT1 ANTIBODY

**SKU:** EB06875



## SPECIFICATIONS

<b>Formulation</b>	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
<b>Unit Size</b>	100 µg
<b>Storage Instructions</b>	Aliquot and store at -20°C. Minimize freezing and thawing.
<b>Synonym / Alias Names</b>	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
<b>Accession ID</b>	NP_005154.2; NP_001014432.1; NP_001014431.1
<b>Blocking Peptide</b>	EBP06875
<b>Immunogen</b>	Peptide with sequence C-EVSLAKPKHR, from the internal region of the protein sequence according to NP_005154.2; NP_001014432.1; NP_001014431.1.
<b>Product Comments</b>	Variants one, two and three encode the same protein (NP_005154, NP_001014432, NP_001014431). No cross-reactivity expected with AKT2 or AKT3.
<b>Peptide Sequence</b>	C-EVSLAKPKHR
<b>Purification Method</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Shipping Instructions</b>	Refrigerated
<b>Predicted Species</b>	Human, Mouse, Cow
<b>Reactive Species</b>	Human, Mouse
<b>Human Gene ID</b>	207
<b>Product Grade</b>	<a href="https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png">https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png</a>
<b>ELISA Detection Limit</b>	Antibody detection limit dilution 1:16000.
<b>Western Blot</b>	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.
<b>Application Type</b>	Pep-ELISA, WB

## DOCUMENTS

- [Data Sheet](#)

## GALLERY IMAGES

