

Certificate of Analysis

Anti-AKT3 (119-135)

Product Name	Anti-AKT3 (119-135) antibody produced in rabbit, IgG fraction of antiserum
Product Number	A4982
Lot Number	068K4882
Storage Temperature	Store at -20°C
Gene Description	v-akt murine thymoma viral oncogene homolog 3 isoform 1 Synonyms: PKBG; PRKBG; RAC-PK-gamma; RAC-gamma; STK-2
Gene ID	10000
Immunogen	Synthetic peptide corresponding to amino acids (119-135) of human AKT3
Species reactivity	Human (not yet tested in other species)
Western Blotting (WB)	Antibody dilution: 1:500-1:1000 MW: ~56 kDa Tested on: lysate of HEK-293T cells expressing recombinant AKT3 protein (western blot image on web)
Inhibition	Detection of the AKT3 band by immunoblotting is specifically inhibited with the immunizing peptide.
Appearance	Clear, colorless solution in 0.01M phosphate buffered saline, pH 7.2, containing 15 mM sodium azide.
Concentration	9.9 mg/ml by E(280)
Handling	For continuous use, store at 2–8 °C for up to one month. For extended storage, freeze in working aliquots. Repeated freezing and thawing is not recommended. Storage in “frost-free” freezers is also not recommended. If slight turbidity occurs upon prolonged storage, clarify the solution by centrifugation before use. Working dilutions should be discarded if not used within 12 hours.
Notes	In order to obtain the best results using various techniques and preparations, we recommend determining the optimal working dilutions by titration.
Country of Animal source	Israel
Country of Manufacturing	Israel
Additional Information on web	http://www.sigmaaldrich.com/catalog/search/ProductDetail/SIGMA/A4982

QC Release Date: Jul 2008



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Reference No.: 18080621

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