



Cat nr AE00297

Product Datasheet

Rabbit Polyclonal Phospho-Specific Antibody, AKT1-pS129 to:

AKT1, phosphorylated S129

AKT; CWS6; PKB; PKB-ALPHA; PKBalpha; PRKBA; RAC; RAC-ALPHA; RAC-alpha serine/threonine-protein kinase; Protein kinase B; Protein kinase B alpha; Proto-oncogene c-Akt; RAC-PK-alpha

Cellular localization Nucleus, intracellular vesicles and plasma membrane

Official Symbol (Gene) AKT1

GeneID 207

SwissProt P31749

Confirmed Applications WB
Positive controls PMA-treated A549

Aeonian Rating® 70

Purification Antigen-affinity purified from serum by sequential phospho-peptide and non-phospho-peptide affinity columns.

Formulation 1mg IgG/ml in PBS, 0.02% azide, 50% glycerol

Amount 100ug 200ug

Isotype Rabbit IgG

Confirmed species reactivity Human

Immunogen A synthetic peptide around phosphorylated S129 of human AKT1 (NP_005154.2).

Epitope A short sequence around phosphorylated S129 (exact sequence is proprietary)

Storage instructions Avoid repeated freeze/thaw cycles. For long term storage, keep small aliquots at -20C or -80C and keep one aliquot at 4C for daily experimentations. Azide will preserve antibody at 4C for 6-12 months, when kept away from direct sun light.

Expiration Integrity warranted for 24 months after purchase when handled and stored according to instructions, see below.

Warranty This product is only warranted for the specifications as described in this product sheet and only when the product is handled and stored according to instructions. User should validate this antibody in the application and tissue/cell type as required, after confirmation of integrity upon receipt is obtained by reproducing the performance as described below. Should such confirmation not be attempted, any warranty is void. In case of non-conformance, user needs to contact us immediately for replacement or refund.

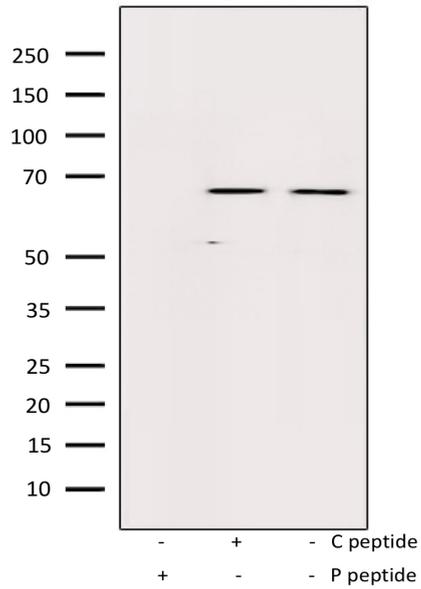
Liability This product is for in vitro research use only. Any other applications, such as diagnostics or therapeutics, or in vivo experiments, and the validation of this product therein, are solely at the responsibility of the buyer/user.

Product performance see next pages

Product data:

Western Blot (WB):

This product was successfully used to stain an approx. 65kDa band in PMA-treated A549 lysates.
Recommended concentration: 1-3ug/ml



Western Blot of 10ug PMA-treated A549 lysates stained with AKT1-S129 Rabbit Polyclonal Antibody AE00297 at 1ug/ml (overnight at 4°C) in the presence (+) or absence (-) of its antigen (P peptide) or its non-phosphorylated control (C peptide). ECL staining by HRP.