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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Anti-pAKT [AbAb-pAKT] Bulk Size Ab04102-3.0-BT

Isotype and Format: Mouse IgG2b, Kappa

Clone Number: AbAb-pAKT

Alternative Name(s) of Target: AKT1; PKB; RAC; RAC-alpha serine/threonine-protein kinase; Protein kinase B; Protein kinase B alpha; PKB alpha; Proto-oncogene c-Akt; RAC-PK-alpha

UniProt Accession Number of Target Protein: P31749

Published Application(s): IP, WB, ELISA

Published Species Reactivity: Human, Mouse

Immunogen: The original antibody was generated by immunizing rabbits with recombinant phosphorylated peptide of protein kinase B (PHFPQF(pS)YSAS) conjugated with KLH as an immunogen.

Specificity: This antibody binds phosphorylated phosphoinositide phospholipase C-gamma, which mediates the production of the second messenger molecules diacylglycerol (DAG) and inositol 1,4,5-trisphosphate (IP3). It also plays an important role in the regulation of intracellular signaling cascades.

Application Notes: The binding reactivity of this antibody to recombinant phosphorylated protein kinase B peptide was confirmed using ELISA. The binding reactivity was further confirmed using western blot, of pAkt from NIH3T3 cell lysates. The scFv version of this antibody was used fused to human IgG1 using a suitable linker for the generation of scFv-Fc mini-antibody. This minibody was capable of immunoprecipitating pAkt proteins. (US20090233358).

Antibody First Published in: [PMID:](#)

Note on publication:

Product Form

Size: 1 mg Purified antibody in bulk size.

Purification: Protein A affinity purified

Supplied In: PBS only.

Storage Recommendation: Store at 4°C for up to 3 months. Note, this antibody is provided without added preservatives, it is therefore recommended this antibody be handled under sterile conditions. For longer storage, aliquot and store at -20°C.

Concentration: 1 mg/ml.

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.