

Catalog #: 3407

Aliases

AKT3; AKT Serine/Threonine Kinase 3; PKBG; RAC-Gamma; PRKBG; RAC-Gamma Serine/Threonine-Protein Kinase; RAC-PK-Gamma; EC 2.7.11.1; PKB Gamma; STK-2; V-Akt Murine Thymoma Viral Oncogene Homolog 3 (Protein Kinase B, Gamma); V-Akt Murine Thymoma Viral Oncogene Homolog 3; RAC-Gamma Serine/Threonine Protein Kinase; Protein Kinase B, Gamma; Protein Kinase B Gamma; Protein Kinase Akt-3; PKB-GAMMA; EC 2.7.11; MPPH2; MPPH

Background

Gene Name: AKT3

NCBI Gene Entry: [10000](#)

UniProt Entry: [Q9Y243](#)

Application Information

Molecular Weight: Predicted, 56 kDa; observed, 56 kDa

Clonality: Mouse monoclonal antibody

Clone ID: 24GB5490

Species Reactivity: Human, mouse, rat

Applications Tested: Western blotting (WB), flow cytometry (FCM), immunocytochemistry (IC)

Immunogen

Recombinant protein of human AKT3

Isotype

Mouse IgG3

Storage Buffer

Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.

Storage

Store at -20 °C for one year.

Recommended Dilutions

Western Blotting (WB): 1:200-1:1,000

Flow Cytometry (FCM): 1:2,000

Immunocytochemistry (IC): 1:100-1:1,000

SUPPORT

SUPPORT@GENUINBIOTECH.COM
TEL: +1-540-855-7041

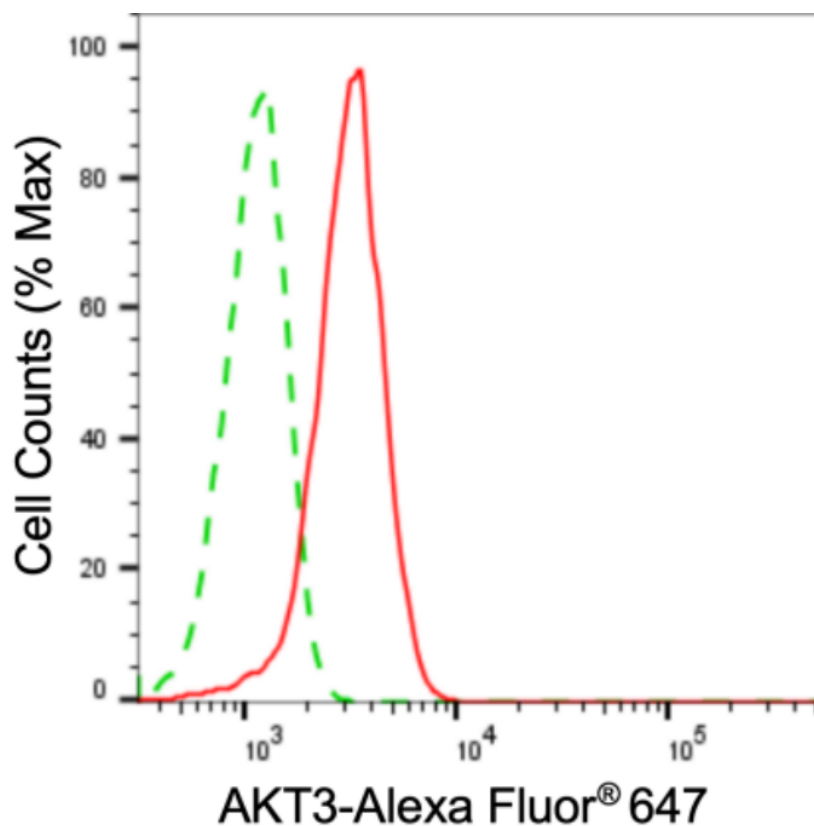
ORDERS

SALES@GENUINBIOTECH.COM
FAX: +1-540-855-7041

WWW.GENUINBIOTECH.COM

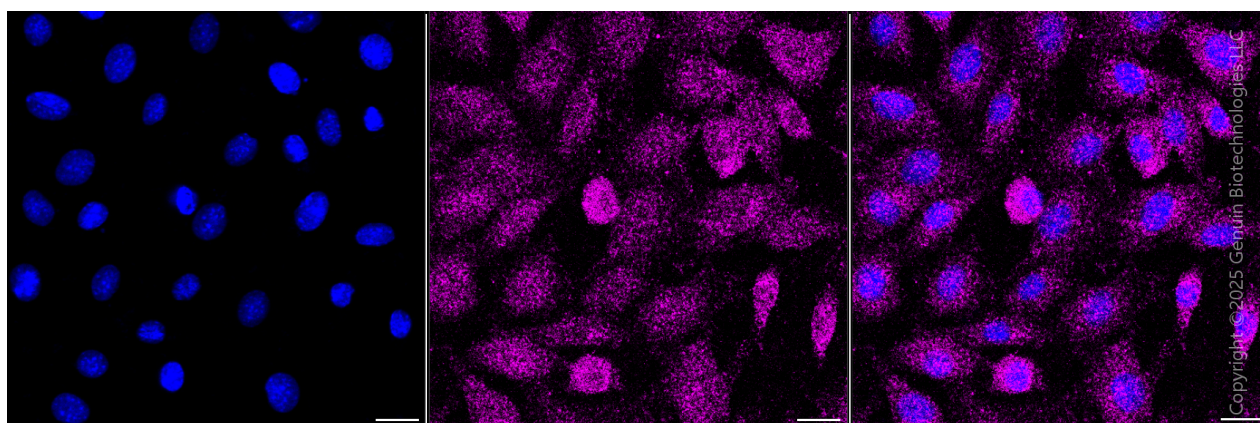
Note: This product is for research use only.

Validation Data



Copyright ©2024 Genuin Biotechnologies LLC

Flow cytometric analysis of AKT3 expression in C2C12 cells using anti-AKT3 antibody (Cat#3407, 1:2,000). Green, isotype control; red, AKT3.



Copyright ©2025 Genuin Biotechnologies LLC

Immunocytochemical staining of C2C12 cells with anti-AKT3 antibody (Cat#3407, 1:1,000) . Nuclei were stained blue with DAPI;AKT3 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar, 20 μ m.

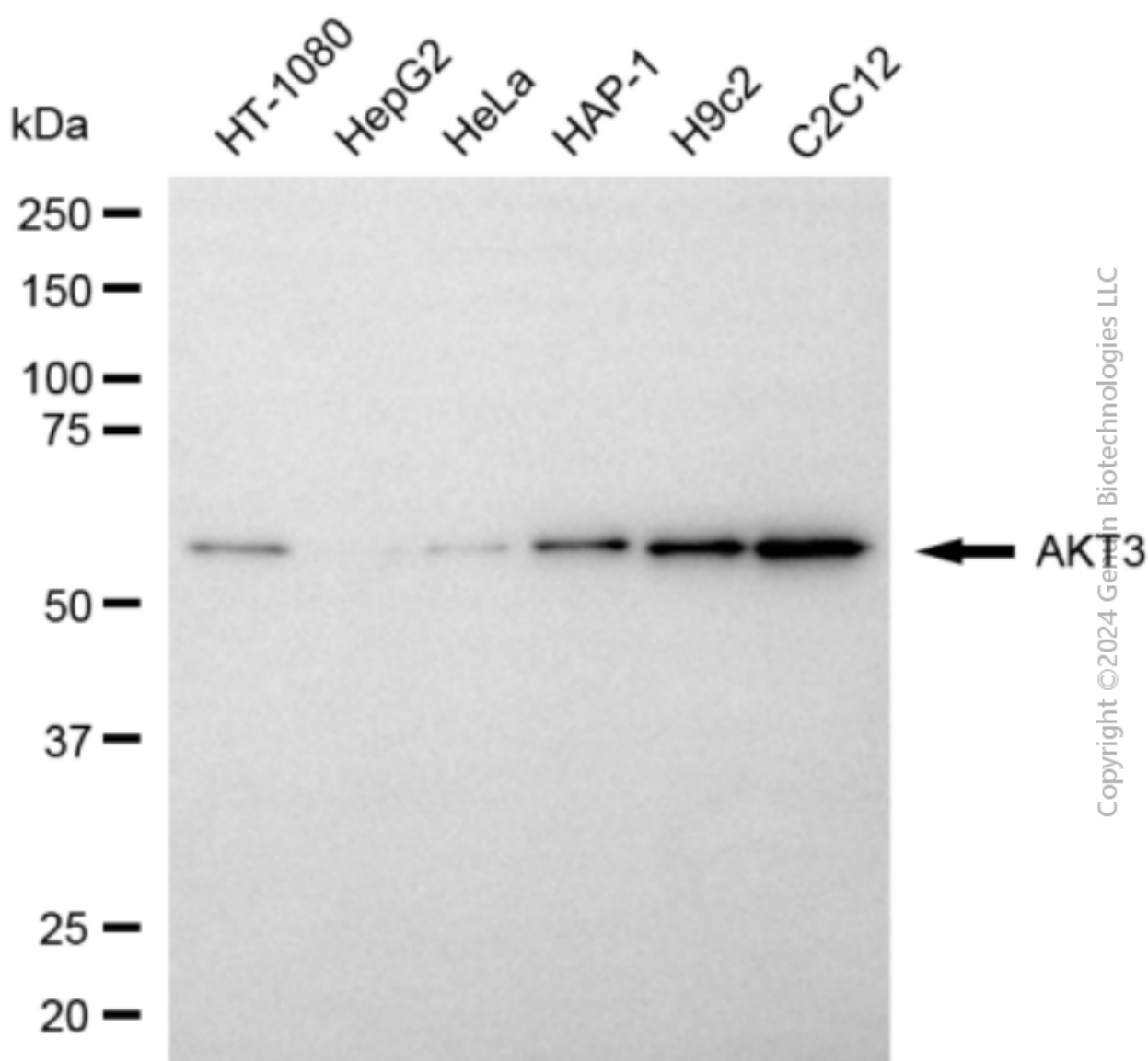
SUPPORT

SUPPORT@GENUINBIOTECH.COM
TEL: +1-540-855-7041

ORDERS

SALES@GENUINBIOTECH.COM
FAX: +1-540-855-7041

WWW.GENUINBIOTECH.COM



Western blotting analysis using anti-AKT3 antibody (Cat#3407). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-AKT3 antibody (Cat#3407, 1:1,000) and HRP-conjugated goat anti-mouse secondary antibody (Cat#101, 1:20,000) respectively. Image was developed using NaQ™ ECL Substrate Kit (Cat#716).

SUPPORT

SUPPORT@GENUINBIOTECH.COM
TEL: +1-540-855-7041

ORDERS

SALES@GENUINBIOTECH.COM
FAX: +1-540-855-7041

WWW.GENUINBIOTECH.COM