

Anti-Phospho-BRK (Y447) Rabbit Polyclonal Antibody



Catalog #: U0792

Aliases

BRK; Protein-tyrosine kinase 6; Breast tumor kinase; Tyrosine-protein kinase BRK

Background

Gene Name: PTK6

NCBI Gene Entry: [5753](#)

UniProt Entry: [Q13882](#)

Application Information

Molecular Weight: Predicted, 51 kDa; observed, 52 kDa

Clonality: Rabbit polyclonal antibody

Species Reactivity: Human, rat

Applications Tested: Western blotting (WB), immunocytochemistry (IC)

Immunogen

A synthesized peptide derived from human Phospho-BRK (Y447)

Isotype

Rabbit IgG

Storage Buffer

Supplied in PBS (pH 7.3) containing 30% glycerol, and 0.01% sodium azide.

Storage

Store at -20 °C for one year.

Recommended Dilutions

Western Blotting (WB): 1:500-1:1,000

Immunocytochemistry (IC): 1:100-1:500

Note: This product is for research use only.

Validation Data

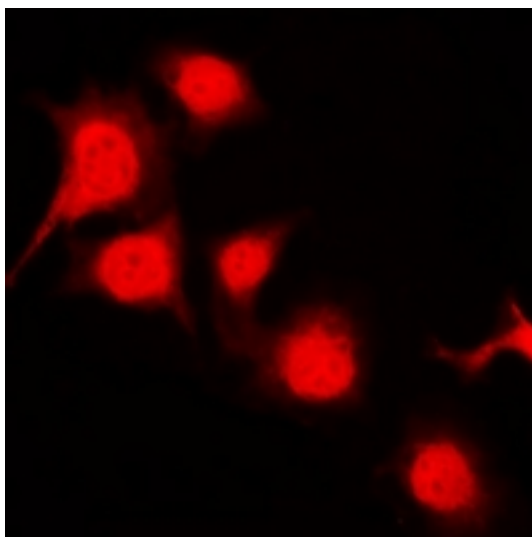
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SUPPORT@GENUINBIOTECH.COM
TEL: +1-540-855-7041

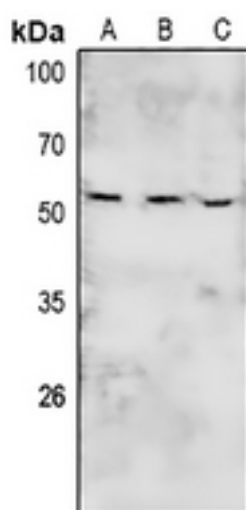
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SALES@GENUINBIOTECH.COM
FAX: +1-540-855-7041

WWW.GENUINBIOTECH.COM



Immunocytochemical analysis of BRK (Phospho-Y447) staining in NIH3T3 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with Alexa Fluor 647-conjugated secondary antibody (red) in PBS at room temperature in the dark.



Western blotting analysis of BRK (Phospho-Y447) expression in HEK293T (A), rat kidney (B), rat lung (C) whole cell lysates.