CREATIVE BIOMART®
Assay Kit

AKT Activity Assay Kit

Product Information

Cat.No. Kit-0063

Product Overview

AKT Activity Assay Kit utilizes an Akt-specific antibody to immunoprecipitate Akt from cell lysate. Activity of the Akt is then determined in a kinase reaction using recombinant GSK-3a as substrate. Phosphorylation of the GSK-3a can be analyzed by Western blot analysis using the phospho-GSK-3a specific antibody included in the kit. The kit specifically detects Akt1, Akt2, and Akt3 activities, other kinase activities would not be detected. The AKT Specific Antibody reacts with human, mouse, and rat.

Size

40 tests

Description

Akt is a protein kinase that can be activated by insulin and various growth factors and functions in a pathway involving PI3 kinase. Recent evidence suggests that Akt functions to promote cell survival by actively inhibiting apoptosis.

Applications

Functional Studies more details

Storage

Store at -20°C.

Kit Components

Components: Identifier; Akt Specific Antibody: Red; GSK-3a Protein/ATP Mixture: Blue; Kinase Assay Buffer: WM; Kinase Extraction Buffer: NM; Phospho-GSK-3a Specific Antibody: Green; Protein A Sepharose: Clear

Compatible Sample Types

Tissue Extracts, Cell Lysate

Tel: 1-631-559-9269 1-516-512-3133
Email:info@creative-biomart.org
Fax:1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA