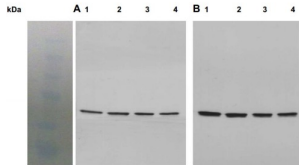
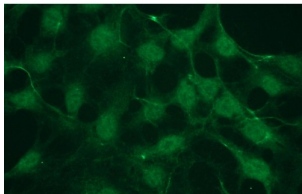


## RAC-Alpha Serine/Threonine-Protein Kinase Phospho-Ser473 (AKT1 pS473) Antibody

Catalogue No.: abx227061



Western blot analysis of (A) AKT activation using abx227061, and (B) total AKT using abx227060, in striatal neurons stimulated with DHPG (mGluR5 agonist) for (1) 0 min, (2) 2 min, (3) 5 min, and (4) 10 min. Wells were equally loaded with 100 µg of whole cell lysate protein.



IF/ICC analysis of AKT1 Phospho-Ser-473 expression in HEK293 cells, using AKT1 Phospho-Ser473 antibody (1/300 dilution).

RAC-Alpha Serine/Threonine-Protein Kinase Phospho-Ser473 (AKT1 pS473) Antibody is a Rabbit Monoclonal antibody for the detection of AKT1 (pSer-473).

**Target:** RAC-Alpha Serine/Threonine-Protein Kinase Phospho-Ser473 (AKT1 pS473)

**Clonality:** Monoclonal

**Clone:** G093

**Target Modification:** Ser473

**Modification:** Phosphorylation

**Reactivity:** Human, Mouse, Rat

**Tested Applications:** ELISA, WB, IF/ICC, IP

**Host:** Rabbit

**Recommended dilutions:** Optimal dilutions/concentrations should be determined by the end user.

**Conjugation:** Unconjugated

# Datasheet

Version: 2.0.0  
Revision date: 27 Mar 2025



<b>Immunogen:</b>	Synthetic peptide surrounding pSer-473 at the C-terminal region of human AKT1 protein.
<b>Isotype:</b>	IgG
<b>Form:</b>	Liquid
<b>Purification:</b>	Purified from rabbit antiserum by proprietary techniques.
<b>Storage:</b>	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
<b>UniProt Primary AC:</b>	P31749 ( <a href="#">UniProt</a> , <a href="#">ExPASy</a> ) P31750 ( <a href="#">UniProt</a> , <a href="#">ExPASy</a> ) P47196 ( <a href="#">UniProt</a> , <a href="#">ExPASy</a> )
<b>Buffer:</b>	20 mM Tris-HCl, pH 8.0, containing 10 mg/ml BSA and 0.05% NaN <sub>3</sub> .
<b>Note:</b>	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only