

Anti-Akt (Ab-473) Polyclonal Antibody



Catalog No.	Size
A200126-01	50 µl
A200126-02	100 µl

Specificity	Anti-Akt (Ab-473) (human mouse rat)
Source	Rabbit Polyclonal
Application	WB ELISA IHC
Form	Liquid, 1 mg/ml

Product

Swiss-Prot No.: P31749

Specificity and Sensitivity

Akt (Ab-473) Antibody detects endogenous levels of total Akt protein.

Source and Purification

This antiserum was produced against synthesized non-phosphopeptide derived from human Akt around the phosphorylation site of Serine 473.

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Application Notes

Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows:

WB: 1:500~1:3000 IHC: 1:50~1:100 ELISA: 1:10000

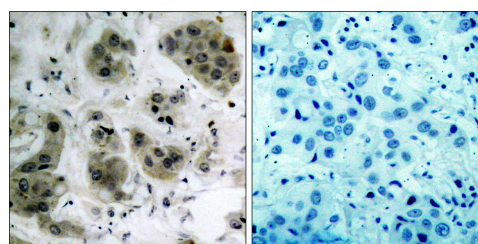
Storage Buffer

Rabbit IgG in phosphate buffered saline (without Mg^{2+} and Ca^{2+}), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

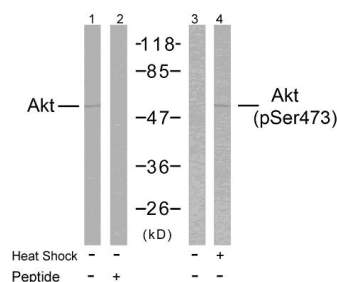
Storage Instructions

Stable for 1 year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing. Aliquot will be stable at 4°C for 3 months.

Images



Immunohistochemical analysis of paraffin-embedded breast carcinoma tissue, using Akt (Ab-473) Antibody. Left: Untreated; Right: Treated with synthesized peptide.



Western blot analysis of extracts from HeLa cells treated or untreated with heat shock using Akt (Ab-473) Antibody and Akt (Phospho-Ser473) Antibody. Line1: Using Akt (Phospho-Ser473) Antibody; Line2: Using Akt (Phospho-Ser473) Antibody preincubated with synthesized peptide.