

## Phospho-AKT1 (Ser473) Ab

[References\(3\)](#) [Images\(7\)](#)

Cat.#: AF8355  
Size: 100ul,200ul

Concn.: ~1mg/ml  
Source: Rabbit

Mol.Wt.: 60kDa  
Clonality: Polyclonal

**Application:** WB 1:1000-3000, IF/ICC 1:100-1:500  
\*The optimal dilutions should be determined by the end user.

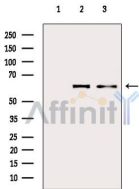
**Reactivity:** Human,Mouse,Rat,Monkey

**Storage:** Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.

**Purification:** The Ab is from purified rabbit serum by affinity purification via sequential chromatography on phospho-peptide and non-phospho-peptide affinity columns.

**Immunogen:** A synthesized peptide derived from human AKT1 around the phosphorylation site of Ser473.

**Uniprot:** P31749

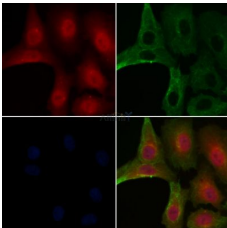


Western blot analysis of extracts from various samples, using Phospho-AKT1 (Ser473) Ab.

Lane 1: Ec304 cells(heat-shock treatment), blocked with antigen-specific peptides.

Lane 2: Ec304 cells(heat-shock treatment).

Lane 3: Cos-7 cells(heat-shock treatment).



AF8355 staining A549 cells(H2O2 treatment) by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab(#AF8355) and mouse anti-beta tubulin Ab(#T0023) for 1 hour at 37°C.

An AlexaFluor594 conjugated goat anti-rabbit IgG Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG Ab(Green) were used as the secondary Ab.

The nuclear counter stain is DAPI (blue).

**IMPORTANT:** For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.

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