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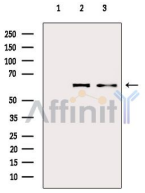
Phospho-AKT1 (Ser473) Ab

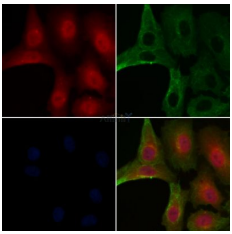
References(3) Images(7)

Cat.#: AF8355	Concn.: ~1mg/ml	Mol.Wt.: 60kDa
Size:	Source: Rabbit	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.