Affinity Biosciences
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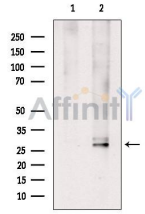
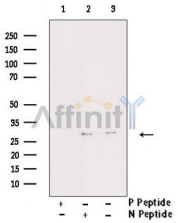
Phospho-14-3-3 zeta/delta (Thr232) Antibody

Cat.#: AF3357	Concn.: 1mg/ml	Mol.Wt.: 28kDa
Size: 100ul,200ul	Source: Rabbit	Clonality: Polyclonal

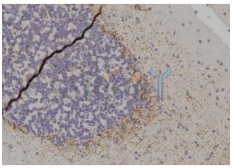
Application:	WB 1:500-1:2000, IHC 1:50-1:200, IF/ICC 1:100-1:500, ELISA(peptide) 1:20000-1:40000
Reactivity:	Human,Mouse,Rat
Purification:	The antibody is from purified rabbit serum by affinity purification via sequential chromatography on phospho-peptide and non-phospho-peptide affinity columns.
Specificity:	Phospho-14-3-3 zeta/delta (Thr232) Antibody detects endogenous levels of 14-3-3 zeta/delta only when phosphorylated at Threonine 232.
Immunogen:	A synthesized peptide derived from human 14-3-3 zeta/delta around the phosphorylation site of Thr232.
Uniprot:	P63104/P31946
Description:	14-3-3 zeta is a protein of the 14-3-3 family of proteins which mediate signal transduction by binding to phosphoserine-containing proteins.
Storage Condition and Buffer:	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.



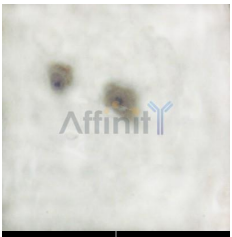
Western blot analysis of extracts from UV treated MCF7 cells, using Phospho-14-3-3 zeta/ delta (Thr232) Antibody. The lane on the left was treated with blocking peptide.



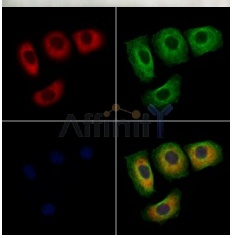
Western blot analysis of Phospho-14-3-3 zeta/ delta (Thr232) Antibody expression in UV treated Jurkat cells lysates.The lane on the right was treated with the antigen-specific peptide.



AF3357 at 1/100 staining Rat brain tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit antibody was used as the secondary antibody.



AF3357 at 1/100 staining human brain tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit antibody was used as the secondary antibody.



AF3357 staining Hela cells(4h of LPS 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(AF3357 1:200) and mouse anti-beta tubulin Ab(T0023 1:200) for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary antibody.

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.