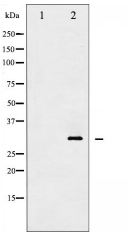
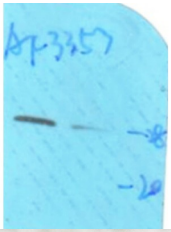
Phospho-14-3-3 zeta/ delta (Thr232) Ab

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
Reactivity:	Human,Mouse,Rat
Purification:	The Ab is from purified rabbit serum by affinity purification via sequential chromatography on phospho- and non-phospho-peptide affinity columns.
Specificity:	Phospho-14-3-3 zeta/ delta (Thr232) Ab 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 Threonine 232
Uniprot:	P63104
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.
Subcellular Location:	Cytoplasm. Melanosome. Located to stage I to stage IV melanosomes.
Similarity:	Belongs to the 14-3-3 family.
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

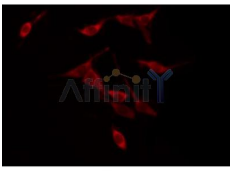


Western blot analysis of 14-3-3 zeta/ delta phosphorylation expression in UV treated Jurkat whole cell lysates,The lane on the left is treated with the antigen-specific peptide.

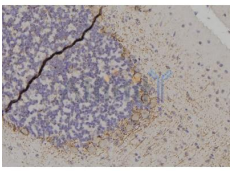


Western blot analysis of Phospho-14-3-3 zeta/ delta (Thr232) Ab expression in UV treated Jurkat cells lysates.The lane on the right is treated with the antigen-specific peptide.

AF3357 at 1/100 staining human brain tissues sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the Ab for 1.5 hours at 39°C



AF3357 staining NIH-3T3 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100,then blocked in 10% serum for 45 minutes at 25°C. The primary Ab was diluted at 1/200 and incubated with the sample for 1 hour at 37°C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary Ab.



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 Ab for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit Ab was used as the secondary.

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