

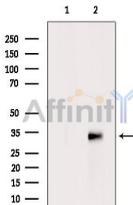
Phospho-CDK5 (Ser159) Antibody

Cat.#: AF8366
Size: 100ul,200ul

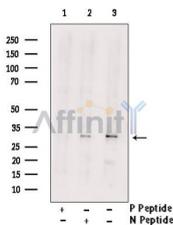
Concn.: 1mg/ml
Source: Rabbit

Mol.Wt.: 33kDa
Clonality: Polyclonal

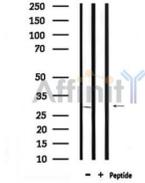
Application:	WB 1:1000-3000, IF/ICC 1:100-1:500, IHC 1:50-1:200, ELISA(peptide) 1:20000-1:40000 *The optimal dilutions should be determined by the end user.
Reactivity:	Human,Mouse,Rat,Monkey
Purification:	The antibody is from purified rabbit serum by affinity purification via sequential chromatography on phospho-peptide and non-phospho-peptide affinity columns.
Specificity:	Phospho-CDK5 (Ser159) Antibody detects endogenous levels of CDK5 only when phosphorylated at Ser159.
Immunogen:	A synthesized peptide derived from human CDK5 around the phosphorylation site of Ser159.
Uniprot:	Q00535
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.



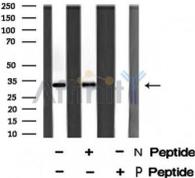
Western blot analysis of extracts from serum starvation treated RAW264.7 cells, using Phospho-CDK5 (Ser159) Antibody. The lane on the left was treated with blocking peptide.



Western blot analysis of CDK5 (Phospho-Ser159) using heat shock K562 whole cell lysates

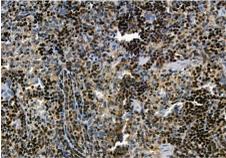


Western blot analysis of extracts from HepG2, using CDK5 (Phospho-Ser159) Antibody.

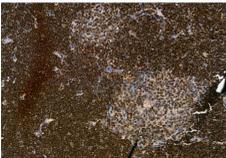


Western blot analysis of CDK5 (Phospho-Ser159) using heatshockK562 whole cell lysates.

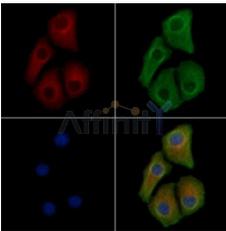
-/+ means absence or presence of N peptide (non-phospho peptide) and P peptide (phospho peptide).



AF8366 at 1/100 staining Rat spleen 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 primary antibody at 4°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



AF8366 at 1/100 staining Rat thymus 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 primary antibody at 4°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



AF8366 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 (AF8366 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.

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