Affinity Biosciences
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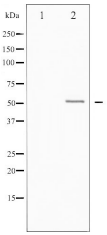
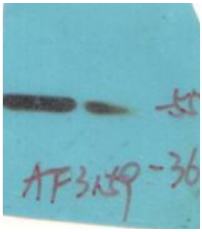
Phospho-Vitamin D Receptor (Ser208) Ab

Cat.#: AF3159	Concn.: 1mg/ml	Mol.Wt.: 55kDa
Size: 100ul,200ul	Source: Rabbit	Clonality: Polyclonal

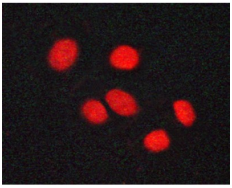
Application:	WB 1:500-1:2000 IF/ICC 1:100-1:500
Reactivity:	Human
Purification:	The Ab is from purified rabbit serum by affinity purification via sequential chromatography on phospho- and non-phospho-peptide affinity columns.
Specificity:	Phospho-Vitamin D Receptor (Ser208) Ab detects endogenous levels of Vitamin D Receptor only when phosphorylated at Serine 208
Immunogen:	A synthesized peptide derived from human Vitamin D Receptor around the phosphorylation site of Serine 208
Uniprot:	P11473
Description:	Nuclear hormone receptor. VDR mediates the action of vitamin D3 by controlling the expression of hormone sensitive genes.
Subcellular Location:	Nucleus.
Similarity:	Composed of three domains: a modulating N-terminal domain, a DNA-binding domain and a C-terminal ligand-binding domain.Belongs to the nuclear hormone receptor family. NR1 subfamily.
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 Vitamin D Receptor phosphorylation expression in heatshock treated HT29 whole cell lysates,The lane on the left is treated with the antigen-specific peptide.



Western blot analysis of Phospho-Vitamin D Receptor (Ser208) Ab expression in heatshock treated HT29 cells lysates.The lane on the right is treated with the antigen-specific peptide.



AF3159 staining A549 cells by ICC/IF. Cells were fixed with PFA and permeabilized in 0.1% saponin prior to blocking in 10% serum for 45 minutes at 37°C. The primary Ab was diluted 1/400 and incubated with the sample for 1 hour at 37°C. A Alexa Fluor® 594 conjugated goat polyclonal to rabbit IgG (H+L), diluted 1/600 was used as secondary Ab.

AF3159 staining HT29 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.

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.