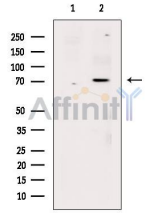
Phospho-AML1 (Ser249) Ab

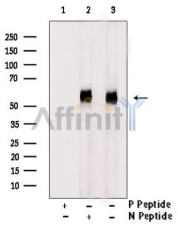
Cat.#: AF2316	Concn.: 1mg/ml	Mol.Wt.: 55kDa,70kDa
Size: 100ul,200ul	Source: Rabbit	Clonality: Polyclonal

Application:	WB 1:500-1:2000, IHC 1:50-1:200
Reactivity:	Human,Rat,Monkey
Purification:	The Ab is from purified rabbit serum by affinity purification via sequential chromatography on phospho-peptide and non-phospho-peptide affinity columns.
Specificity:	Phospho-AML1 (Ser249) Ab detects endogenous levels of AML1.
Immunogen:	A synthesized peptide derived from human AML1 around the phosphorylation site of Ser249.
Uniprot:	Q01196
Subcellular Location:	Nucleus.
Tissue Specificity:	Expressed in all tissues examined except brain and heart. Highest levels in thymus, bone marrow and peripheral blood.
Similarity:	A proline/serine/threonine rich region at the C-terminus is necessary for transcriptional activation of target genes.
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.

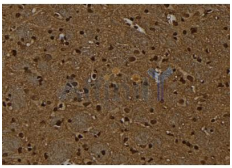


Western blot analysis of extracts from heat-shock treated COS-7, using Phospho-AML1 (Ser249) Ab. The lane on the left was treated with blocking peptide.

Observed bands: 70 kDa.



Western blot analysis of extracts from HEL cells treated with TPA, using Phospho-AML1 (Ser249) Ab. Lane1 was treated with phospho-blocking peptide, Lane2 was treated with non-phospho-blocking peptide.



AF2316 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 primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween®20 at 4°C with gentle shaking, overnight.