Affinity Biosciences
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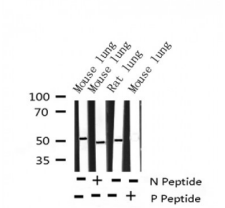
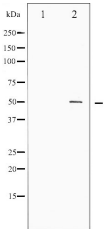
Phospho-AML1 (Ser276) Ab

Cat.#: AF3378	Concn.: 1mg/ml	Mol.Wt.: 50kDa
Size: 100ul,200ul	Source: Rabbit	Clonality: Polyclonal

Application:	WB 1:500-1:2000, 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-AML1 (Ser276) Ab detects endogenous levels of AML1 only when phosphorylated at Serine 276.
Immunogen:	A synthesized peptide derived from human AML1 around the phosphorylation site of Serine 276.
Uniprot:	Q01196
Description:	Core binding factor (CBF) is a heterodimeric transcription factor that binds to the core element of many enhancers and promoters.
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 Phospho-AML1 (Ser276) expression in various lysates



Western blot analysis of AML1 phosphorylation expression in Jurkat whole cell lysates,The lane on the left is treated with the antigen-specific peptide.

AF3378 staining Hela 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 primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween®20 at 4°C with gentle shaking, overnight.