



Phospho-RUNX1 (Ser435) Antibody

Product Code	CSB-PA110286
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	Q01196
Immunogen	Peptide sequence around phosphorylation site of Serine 435(S-N-S(p)-P-T) derived from Human AML1.
Raised In	Rabbit
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous levels of AML1 only when phosphorylated at serine 435.
Tested Applications	ELISA,WB;WB:1:500-1:1000
Relevance	CBF binds to the core site, 5'-PYGPYGGT-3', of a number of enhancers and promoters, including murine leukemia virus, polyomavirus enhancer, T-cell receptor enhancers, LCK, IL-3 and GM-CSF promoters. The alpha subunit binds DNA and appears to have a role in the development of normal hematopoiesis. Isoform AML-1L interferes with the transactivation activity of RUNX1. Acts synergistically with ELF4 to transactivate the IL-3 promoter and with ELF2 to transactivate the mouse BLK promoter. Inhibits MYST4-dependent transcriptional activation. Miyoshi H., Proc. Natl. Acad. Sci. U.S.A. 88:10431-10434(1991). Sacchi N., Genes Chromosomes Cancer 11:226-236(1994). Nucifora G., Blood 81:2728-2734(1993).
Form	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification Method	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography
Clonality	Polyclonal
Alias	Acute myeloid leukemia 1 protein; CBFA2; CBFA2; alpha 2 subunit; RUNX1
Product Type	Polyclonal Antibody
Species	Homo sapiens (Human)
Target Names	RUNX1
Product Modify	Phospho-Ser435