E11-8287A

AML1 (Phospho-Ser435) Antibody

Catalog Number: E11-8287A

Concentration: 1mg/ml

Swiss-Prot No.: Q01196

Other Names: Acute myeloid leukemia 1 protein; CBF-alpha 2; CBFA2; Core-binding factor, alpha 2 subunit; Oncogene AML-1; PEA2-alpha B; PEBP2-alpha B; Polyomavirus enhancer binding protein 2 alpha B subunit; RUN1; Runt-related transcription factor 1; RUNX1; SL3-3 enhancer factor 1 alpha B subunit; SL3/AKV core-binding factor alpha B subunit

All Sites: Human: Ser435; Mouse: Ser435; Rat: Ser435

Storage/Stability: Store at -20℃/1 year

Form of Antibody: Rabbit IgG in phosphate buffered saline (without Mg^{2+} and Ca^{2+}), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Immunogen: The antiserum was produced against synthesized phosphopeptide derived from human AML1 around the phosphorylation site of serine 435 (S-N-S^{P}-P-T).

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.

Specificity: AML1 (Phospho-Ser435) antibody detects endogenous levels of AML1 only when phosphorylated at serine 435.

Reactivity: Human (Identities = 100%, Positives = 100%); Mouse (Identities = 100%, Positives = 100%);
Rat (Identities = 100%, Positives = 100%)

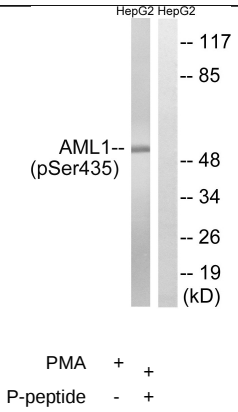
Applications: WB: 1:500~1:1000 ELISA: 1:10000

References:

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).



Western blot analysis of extracts from HepG2 cells, treated with PMA (125ng/ml, 30mins), using AML1 (Phospho-Ser435) antibody.

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