RUNX1 (Ab-435) Antibody

PACO23075

Product Information

Size:

100ul

Reactivity:

Human, Mouse

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB

Recommended dilutions:

ELISA:1:2000-1:10000, WB:1:500-1:3000

Protein Background:

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 KAT6B-dependent transcriptional activation.

Gene ID:

RUNX1

Uniprot

Q01196

Synonyms:

Acute myeloid leukemia 1 protein; CBF-alpha 2; CBFA2; Core-binding factor; alpha 2 subunit

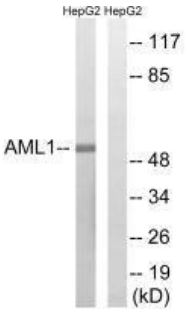
Immunogen:

Synthesized non-phosphopeptide derived from human AML1 around the phosphorylation site of serine 435 (S-N-S(p)-P-T).

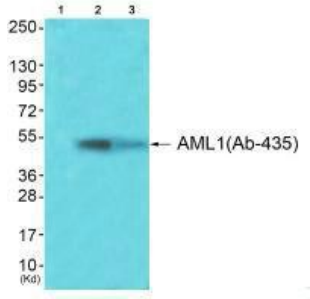
Storage:

Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Product Images



Western blot analysis of extracts from HepG2 cells, treated with PMA (125ng/ml, 30mins), using AML1 (Ab-435) antibody.



Western blot analysis of extracts from 293 cells (Lane 2) and Hela cells (Lane 3), using AML1 (Ab-435) antiobdy. The lane on the left is treated with synthesized peptide.