

**RUNX1 (phospho Ser435) rabbit pAb****Cat#: orb770709 (Manual)**

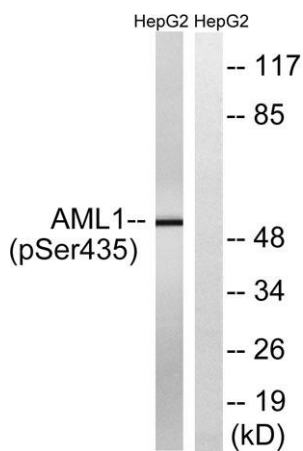
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<b>Product Name</b>	RUNX1 (phospho Ser435) rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;ELISA
<b>Species Cross-Reactivity</b>	Human;Mouse;Rat
<b>Recommended dilutions</b>	Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human AML1 around the phosphorylation site of Ser435. AA range:401-450
<b>Specificity</b>	Phospho-RUNX1 (S435) Polyclonal Antibody detects endogenous levels of RUNX1 protein only when phosphorylated at S435.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Runt-related transcription factor 1
<b>Gene Name</b>	RUNX1
<b>Cellular localization</b>	Nucleus.
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal

<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	53kD
<b>Human Gene ID</b>	861
<b>Human Swiss-Prot Number</b>	Q01196
<b>Alternative Names</b>	RUNX1; AML1; CBFA2; Runt-related transcription factor 1; Acute myeloid leukemia 1 protein; Core-binding factor subunit alpha-2; CBF-alpha-2; Oncogene AML-1; Polyomavirus enhancer-binding protein 2 alpha B subunit; PEA2-alpha B; PEBP2-alpha

**Background**

Core binding factor (CBF) is a heterodimeric transcription factor that binds to the core element of many enhancers and promoters. The protein encoded by this gene represents the alpha subunit of CBF and is thought to be involved in the development of normal hematopoiesis. Chromosomal translocations involving this gene are well-documented and have been associated with several types of leukemia. Three transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008],



**Western blot analysis of lysates from HepG2 cells treated with PMA 125ng/ml 30', using AML1 (Phospho-Ser435) Antibody. The lane on the right is blocked with the phospho peptide.**