

AML1(RUNX1) Antibody

Catalog No: #21477



Package Size: #21477-1 50ul #21477-2 100ul #21477-4 25ul

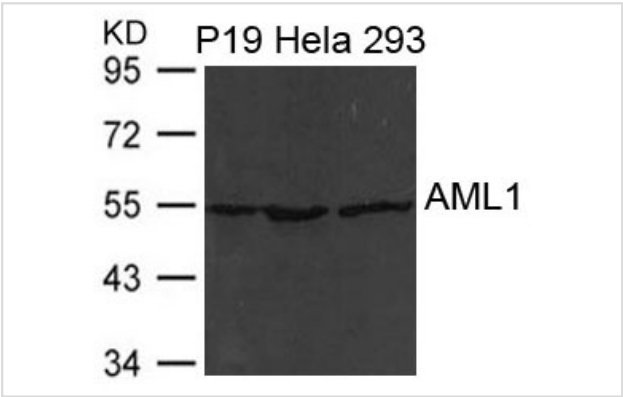
Overview

Product Name	AML1(RUNX1) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Applications	WB
Species Reactivity	Hu Ms Rt
Immunogen Type	Peptide-KLH
Target Name	AML1(RUNX1)
Alternative Names	CBFA2; EVI-1; AMLCR1

Application Details

Predicted MW: 55kd
Western blotting: 1:500~1:1000

Images



Western blot analysis of extract from P19, HeLa and 293 cells using AML1(RUNX1) Antibody #21477

Descriptions

Immunogen	Peptide sequence around aa.6~10(D-A-S-T-S) derived from Human AML1(RUNX1).
Specificity	The antibody detects endogenous level of total AML1(RUNX1) protein.
Purification	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.
Accession NO.	Swiss-Prot: Q01196NCBI Protein: NP_001116079.1

Related Information

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 α 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.

Mao S., Frank R.C., Zhang J., Miyazaki Y., Nimer S.D. *Mol. Cell. Biol.* 19:3635-3644(1999)

Pelletier N., Champagne N., Stifani S., Yang X.-J. *Oncogene* 21:2729-2740(2002)

Cho J.-Y., Akbarali Y., Zerbini L.F., Gu X., Boltax J., Wang Y., Oettgen P., Zhang D.-E., Libermann T.A.J. *Biol. Chem.* 279:19512-19522(2004)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.