

RUNX1

Reactivity: Human Mouse Rat

Tested applications: WB IHC ICC IF IP

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:100 ICC 1:50 - 1:200 IF 1:50 - 1:200
IP 1:20 - 1:100

Calculated MW: 51kDa

Observed MW: Refer to Figures

Immunogen:

A synthetic peptide of human RUNX1

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Concentration:

akn

Synonym:

AML1; AML1-EVI-1; AMLCR1; CBFA2; EVI-1; PEBP2Ab;

Catalog #: A2055

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 861

Isotype: IgG

Swiss Prot: Q01196

Purity: Affinity purification

For research use only.

Background:

AML1 (also known as Runx1, CBFA2, and PEBP2B) is a member of the core binding factor (CBF) family of transcription factors (1,2). It is required for normal development of all hematopoietic lineages (3-5). AML1 forms a heterodimeric DNA binding complex with its partner protein CBF and regulates the expression of cellular genes by binding to promoter and enhancer elements. AML1 is commonly translocated in hematopoietic cancers: chromosomal translocations include t(8;21) AML1-ETO, t(12;21) TEL-AML, and t(8;21) AML-M2 (6). Phosphorylation of AML1 on several potential serine and threonine sites, including Ser249, is thought to occur in an Erk-dependent manner (7,8).

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