

RUNX1 (T270) polyclonal antibody

Catalog: BS1717

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

AML1 (also known as Runx1, CBFA2, and PEBP2 α B) is a member of the core binding factor (CBF) family of transcription factors. It is required for normal development of all hematopoietic lineages. AML1 forms a heterodimeric DNA binding complex with its partner protein CBF β 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. Phosphorylation of AML1 on several potential serine and threonine sites, including Ser249, is thought to occur in an Erk-dependent manner.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

Molecular Weight:

~ 55 kDa

Swiss-Prot:

Q01196

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

IHC: 1:50~1:200

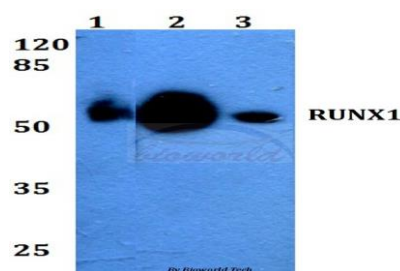
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

RUNX1 (T270) polyclonal antibody detects endogenous levels of RUNX1 protein.

DATA:

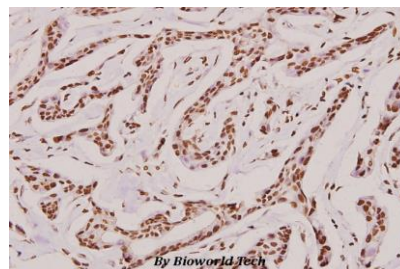


Western blot (WB) analysis of RUNX1 (T270) polyclonal antibody at 1:500 dilution

Lane1:HEK293T whole cell lysate

Lane2:sp2/0 whole cell lysate

Lane3:H9C2 whole cell lysate



Immunohistochemistry (IHC) analyzes of RUNX1 (T270) pAb in paraffin-embedded human breast carcinoma tissue at 1:100.

Note:

For research use only, not for use in diagnostic procedure.

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