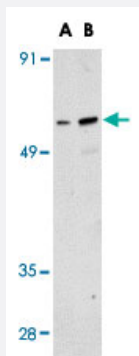


RUNX1 polyclonal antibody

Catalog # PAB16742 Size 100 ug

Applications



Western Blot (Cell lysate)

Western blot analysis of RUNX1 in Raji cell lysate with RUNX1 polyclonal antibody (Cat # PAB16742) at (A) 1 and (B) 2 ug/mL .

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of RUNX1.
Immunogen	A synthetic peptide corresponding to internal region 16 amino acids of human RUNX1.
Host	Rabbit
Reactivity	Human, Mouse, Rat
Form	Liquid
Recommend Usage	Western Blot (1-2 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.02% sodium azide)
Storage Instruction	Store at 4°C for three months. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of RUNX1 in Raji cell lysate with RUNX1 polyclonal antibody (Cat # PAB16742) at (A) 1 and (B) 2 ug/mL .

- Enzyme-linked Immunoabsorbent Assay

Gene Info — RUNX1

Entrez GeneID	861
Protein Accession#	AAI36381
Gene Name	RUNX1
Gene Alias	AML1, AML1-EVI-1, AMLCR1, CBFA2, EVI-1, PEBP2aB
Gene Description	runt-related transcription factor 1
Omim ID	151385 180300 601399 601626
Gene Ontology	Hyperlink
Gene Summary	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]
Other Designations	AML1-EVI-1 fusion protein acute myeloid leukemia 1 aml1 oncogene core-binding factor, runt domain, alpha subunit 2

Publication Reference

- [Control of developmental regulators by Polycomb in human embryonic stem cells.](#)

Lee TI, Jenner RG, Boyer LA, Guenther MG, Levine SS, Kumar RM, Chevalier B, Johnstone SE, Cole MF, Isono K, Koseki H, Fuchikami T, Abe K, Murray HL, Zucker JP, Yuan B, Bell GW, Herbolsheimer E, Hannett NM, Sun K, Odom DT, Otte AP, Volkert TL, Bartel DP, Melton DA, Gifford DK, Jaenisch R, Young RA.

Cell 2006 Apr; 125(2):301.

- [Runx1 is expressed in adult mouse hematopoietic stem cells and differentiating myeloid and lymphoid cells, but not in maturing erythroid cells.](#)

North TE, Stacy T, Matheny CJ, Speck NA, de Bruijn MF.

Stem Cells 2004 Jan; 22(2):158.

Application: WB, Mouse, Mouse thymuses

Pathway

- [Acute myeloid leukemia](#)
- [Chronic myeloid leukemia](#)
- [Pathways in cancer](#)

Disease

- [Arthritis](#)
- [Asthma](#)
- [Blast Crisis](#)
- [Cardiovascular Diseases](#)
- [Colitis](#)
- [Crohn Disease](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Disease Susceptibility](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Immune System Diseases](#)
- [Leukemia](#)
- [Liver Cirrhosis](#)

- [Lupus Erythematosus](#)
- [Myelodysplastic Syndromes](#)

- [Pancreatic cancer](#)

- [Pancreatic Neoplasms](#)

- [Psoriasis](#)

- [Schizophrenia](#)

- [Tobacco Use Disorder](#)