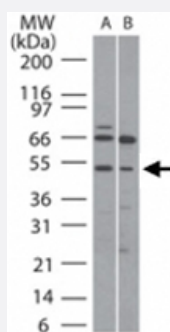


RUNX1 polyclonal antibody

Catalog # PAB0189 Size 100 ug

Applications



Western Blot (Cell lysate)

Western blot analysis of RUNX1 in (A) human Ramos and (B) mouse Raw cell lysate using RUNX1 polyclonal antibody (Cat # PAB0189) at 5 ug/mL .

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of RUNX1.
Immunogen	A synthetic peptide corresponding to amino acids 231-245 of human RUNX1.
Sequence	AFNPQPQSQMQRQ
Host	Rabbit
Reactivity	Human, Mouse
Form	Liquid
Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.05% BSA, 0.05% sodium azide)
Storage Instruction	Store at 4°C. 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 (A) human Ramos and (B) mouse Raw cell lysate using RUNX1 polyclonal antibody (Cat # PAB0189) at 5 ug/mL .

Gene Info — RUNX1

Entrez GeneID	861
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

- [Physiogenomic resources for rat models of heart, lung and blood disorders.](#)

Malek RL, Wang HY, Kwitek AE, Greene AS, Bhagabati N, Borchardt G, Cahill L, Currier T, Frank B, Fu X, Hasinoff M, Howe E, Letwin N, Luu TV, Saeed A, Sajadi H, Salzberg SL, Sultana R, Thiagarajan M, Tsai J, Veratti K, White J, Quackenbush J, Jacob HJ, Lee NH.

Nature Genetics 2006 Jan; 38(2):234.

- [Expression of mRNA and proteins for toll-like receptors, associated molecules, defensins and LL-37 by SRIK-NKL, a CD8+ NK/T cell line.](#)

Srivastava MD, Srivastava BI.

Leukemia Research 2005 Jul; 29(7):813.

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](#)