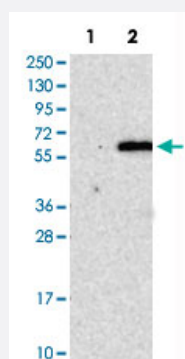


RUNX1 polyclonal antibody

Catalog # PAB30681

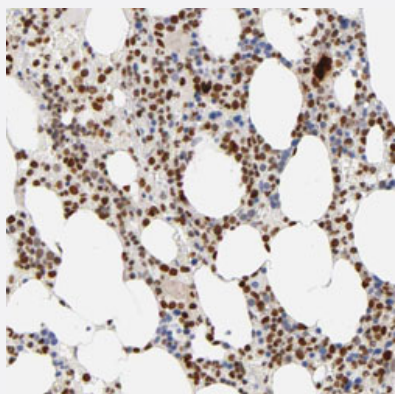
Size 100 uL

Applications



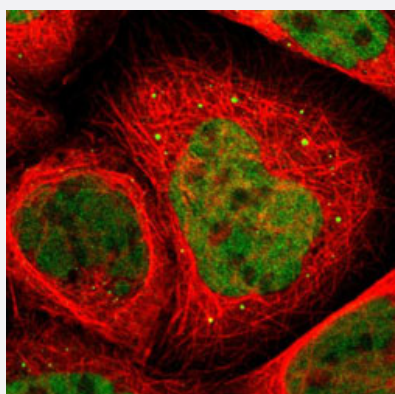
Western Blot (Transfected lysate)

Western Blot analysis of Lane 1: negative control (vector only transfected HEK293T cell lysate) and Lane 2: over-expression lysate (co-expressed with a C-terminal myc-DDK tag in mammalian HEK293T cells) with RUNX1 polyclonal antibody (Cat # PAB30681).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human bone marrow with RUNX1 polyclonal antibody (Cat # PAB30681) shows strong nuclear positivity in bone marrow poietic cells.



Immunofluorescence

Immunofluorescent staining of A-431 cells with RUNX1 polyclonal antibody (Cat # PAB30681) (Green) shows positivity in vesicles and nucleus but excluded from the nucleoli.

Specification

Product Description	Rabbit polyclonal antibody raised against partial recombinant human RUNX1.
Immunogen	Recombinant protein corresponding to human RUNX1.
Sequence	PQPQSQMQDTRQIQPSPPWSYDQSYQYLGSIASPSVHPATPISPGRASGMTTLSAELSSRLSTAP DLTAFSDPRQFPALPSISDPRMHYPGAFTYSPTPTVTSGI
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunofluorescence (1-4 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:50-1:200) Western Blot (1:250-1:500) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% 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 (Transfected lysate)

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Gene Info — RUNX1

Entrez GeneID	861
Protein Accession#	Q01196
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

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](#)