

Datasheet for ABIN954644

anti-RUNX3 antibody (Middle Region)



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1 Image

Overview

Quantity:	0.4 mL
Target:	RUNX3
Binding Specificity:	AA 167-197, Middle Region
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RUNX3 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 167-197 amino acids from the Central region of Human RUNX3 Genename: RUNX3
Isotype:	Ig Fraction
Purification:	Protein A column followed by peptide Affinity purification

Target Details

Target:	RUNX3
Alternative Name:	RUNX3 (RUNX3 Products)
Background:	This gene encodes a member of the runt domain-containing family of transcription factors. A heterodimer of this protein and a beta subunit forms a complex that binds to the core DNA sequence 5'-PYGPYGGT-3' found in a number of enhancers and promoters, and can either

Target Details

activate or suppress transcription. It also interacts with other transcription factors. It functions as a tumor suppressor, and the gene is frequently deleted or transcriptionally silenced in cancer. Multiple transcript variants encoding different isoforms have been found for this gene. Synonyms: AML2, Acute myeloid leukemia 2 protein, CBF-alpha-3, CBFA3, Core-binding factor subunit alpha-3, Oncogene AML-2, PEA2-alpha C, PEBP2-alpha C, PEBP2A3, Polyomavirus enhancer-binding protein 2 alpha C subunit, Runt-related transcription factor 3, SL3-3 enhancer factor 1 alpha C subunit, SL3/AKV core-binding factor alpha C subunit

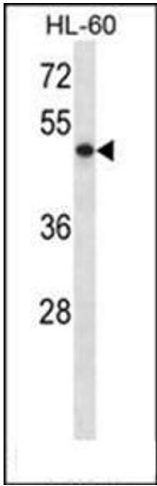
Gene ID:	864
NCBI Accession:	NP_001026850

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS with 0.09 % (W/V) Sodium Azide as preservative
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Western Blotting

Image 1. Western blot analysis in HL-60 cell line lysates (35 ug/lane) using RUNX3 Antibody (Center) Cat.-No. AP53770PU-N. This demonstrates the RUNX3 antibody detected the RUNX3 protein (arrow).