Product Name: RUNX2 Rabbit Monoclonal Antibody
Catalog #: AMRe21351

Summary

Production Name	RUNX2 Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal Antibody
Host	Rabbit
Application	WB,IHC,IF,IP,ELISA
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG,Kappa
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Purification	Protein A

Immunogen

Gene Name	RUNX2
Alternative Names	RUNX2;AML3;CBFA1;OSF2;PEBP2A;Runt-related transcription factor 2;Acute myeloid leukemia 3 protein;Core-binding factor subunit alpha-1;CBF-alpha-1;Oncogene AML-3Osteoblast-specific transcription factor 2;OSF-2;Polyomavirus enhancer-binding protein 2 alpha A subunit;PEA2-alpha A;PEBP2-alpha A;SL3-3 enhancer factor 1 alpha A subunit;SL3/AKV core-binding factor alpha A subunit
Gene ID	860
SwissProt ID	Q13950.

Application

Dilution Ratio	IHC 1:1000-1:5000;WB 1:2000-1:10000;IF 1:200-1:1000;ELISA 1:5000-1:20000;IP 1:50-1:200;

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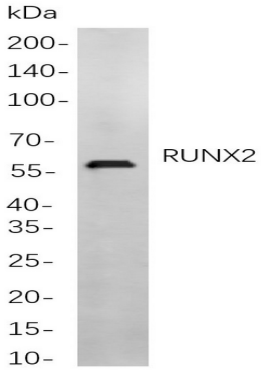
Molecular Weight	Calculated MW:57kD;Observed MW:57kD

Background

Cell localization:Nucleus.This gene is a member of the RUNX family of transcription factors and encodes a nuclear protein with an Runt DNA-binding domain. This protein is essential for osteoblastic differentiation and skeletal morphogenesis and acts as a scaffold for nucleic acids and regulatory factors involved in skeletal gene expression. The protein can bind DNA both as a monomer or, with more affinity, as a subunit of a heterodimeric complex. Two regions of potential trinucleotide repeat expansions are present in the N-terminal region of the encoded protein, and these and other mutations in this gene have been associated with the bone development disorder cleidocranial dysplasia (CCD). Transcript variants that encode different protein isoforms result from the use of alternate promoters as well as alternate splicing. [provided by RefSeq, Jul 2016],

Research Area

Image Data



Western blot analysis of lysates from MDA-MB-231 cells, using RUNX2 Rabbit mAb. The HRP-conjugated Goat anti-Rabbit IgG antibody was used to detect the antibody.

Note

For research use only.