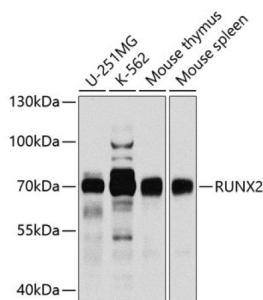


Runt-Related Transcription Factor 2 (RUNX2) Antibody

Catalogue No.: abx002106



Western blot analysis of extracts of various cell lines using RUNX2 Antibody (1/1000 dilution).

RUNX2 Antibody is a Rabbit Polyclonal antibody against RUNX2. 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. 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.

Target:	Runt-Related Transcription Factor 2 (RUNX2)
Clonality:	Polyclonal
Reactivity:	Human, Mouse
Tested Applications:	WB
Host:	Rabbit
Recommended dilutions:	WB: 1/200 - 1/1000. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Recombinant fusion protein corresponding to human RUNX2
Isotype:	IgG
Form:	Liquid
Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	Q13950 (UniProt , ExPASy)

Datasheet

Version: 6.0.0
Revision date: 06 Mar 2025



Gene Symbol: RUNX2

GeneID: [860](#)

NCBI Accession: NP_001019801.3

KEGG: hsa:860

String: [9606.ENSP00000360493](#)

Molecular Weight: Calculated MW: 54 kDa/55 kDa/56 kDa
Observed MW: 70 kDa

Buffer: PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol.

Concentration: 1 mg/ml

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only