DNAxPAb | Hard-to-Find Antibody

RUNX2 DNAxPab

Catalog # H00000860-W01P Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human RUNX2 DNA using DNAx™ Immune te chnology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MRIPVDPSTSRRFSPPSSSLQPGKMSDVSPVVAAQQQQQQQQQQQQQQQQQQQQQQEAAA AAAAAAAAAAAAAAVPRLRPPHDNRTMVEIIADHPAELVRTDSPNFLCSVLPSHWRCNKTLPVAF KVVALGEVPDGTVVTVMAGNDENYSAELRNASAVMKNQVARFNDLRFVGRSGRGKSFTLTITVF TNPPQVATYHRAIKVTVDGPREPRRHRQKLDDSKPSLFSDRLSDLGRIPHPSMRVGVPPQNPRP SLNSAPSPFNPQGQSQITDPRQAQSSPPWSYDQSYPSYLSQMTSPSIHSTTPLSSTRGTGLPAITD VPRRISDDDTATSDFCLWPSTLSKKSQAGASELGPFSDPRQFPSISSLTESRFSNPRMHYPATFT YTPPVTSGMSLGMSATTHYHTYLPPPYPGSSQSQSGPFQTSSTPYLYYGTSSGSYQFPMVPGGD RSPSRMLPPCTTTSNGSTLLNPNLPNQNDGVDADGSHSSSPTVLNSSGRMDESVWRPY
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

  Protocol Download

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- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — RUNX2

Entrez GeneID	860
GeneBank Accession#	BC160022.1
Protein Accession#	AAI60022.1
Gene Name	RUNX2
Gene Alias	AML3, CBFA1, CCD, CCD1, MGC120022, MGC120023, OSF2, PEA2aA, PEBP2A1, PEBP2A2, PEBP2aA, PEBP2aA1
Gene Description	runt-related transcription factor 2
Omim ID	119600 600211
Gene Ontology	Hyperlink
Gene Summary	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. [provided by RefSeq
Other Designations	CBF-alpha 1|OTTHUMP00000016533|SL3-3 enhancer factor 1 alpha A subunit|SL3/AKV core-binding factor alpha A subunit|acute myeloid leukemia 3 protein|core-binding factor, runt domain, alpha subunit 1|osteoblast-specific transcription factor 2|polyomavirus e

Disease

- Alzheimer disease
- Bone Diseases
- Cardiovascular Diseases
- Cleft Lip

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- Cleft Palate
- Cleidocranial Dysplasia
- Diabetes Complications
- Diabetes Mellitus
- Fractures
- Genetic Predisposition to Disease
- Metabolic Syndrome X
- Neoplasms
- Ossification of Posterior Longitudinal Ligament
- Osteoporosis
- Tobacco Use Disorder

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