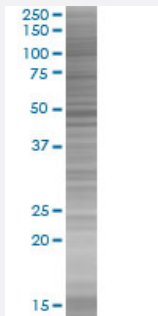


RUNX3 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00000864-T01

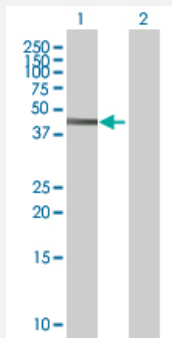
Size 100 uL

Applications



SDS-PAGE Gel

RUNX3 transfected lysate.



Western Blot

Lane 1: RUNX3 transfected lysate (45.9 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-RUNX3 full-length
Host	Human
Theoretical MW (kDa)	45.9
Interspecies Antigen Sequence	Rat (91)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-RUNX3 antibody ([H00000864-B01](#)) by Western Blots.
 SDS-PAGE Gel
 RUNX3 transfected lysate.
 Western Blot
 Lane 1: RUNX3 transfected lysate (45.9 KDa)
 Lane 2: Non-transfected lysate.

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — RUNX3

Entrez GeneID

[864](#)

GeneBank Accession#

[NM_001031680.2](#)

Protein Accession#

-

Gene Name

RUNX3

Gene Alias

AML2, CBFA3, FLJ34510, MGC16070, PEBP2aC

Gene Description

runt-related transcription factor 3

Omim ID

[600210](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

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 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. [provided by RefSeq]

Other Designations

OTTHUMP00000003370|OTTHUMP00000003371|PEA2 alpha C|PEBP2 alpha C|acute myeloid leukemia gene 2|core-binding factor, runt domain, alpha subunit 3|polyomavirus enhancer-binding protein 2 alpha C subunit|transcription factor AML2

Disease

- [Celiac Disease](#)
- [Colitis](#)
- [Gastritis](#)
- [Genetic Predisposition to Disease](#)
- [Helicobacter Infections](#)
- [Intestinal Neoplasms](#)
- [Keloid](#)
- [Narcolepsy](#)
- [Stomach Neoplasms](#)
- [Urinary Bladder Neoplasms](#)