antibodies -online.com





Go to Product page

Datasheet for ABIN7505242

RUNX3 Protein (AA 1-415) (His tag)

Overview

Quantity:	100 μg
Target:	RUNX3
Protein Characteristics:	AA 1-415
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This RUNX3 protein is labelled with His tag.

Product Details

Sequence:	Met 1-Tyr 415
Characteristics:	A DNA sequence encoding the Human RUNX3 protein (Q13761) (Met 1-Tyr 415) was expressed with a N-His tag.
Purity:	> 95 % as determined by reducing SDS-PAGE.

Target Details

Target:	RUNX3
Alternative Name:	RUNX3 (RUNX3 Products)
Background:	Abbreviation: RUNX3
	Target Synonym: Runt-related transcription factor 3,RUNX3,Acute myeloid leukemia 2
	protein,Core-binding factor subunit alpha-3,Oncogene AML-2,
	Background: RUNX3, also called CBFA3, AML-2 or PEBP2-alpha C, is a member of the Runt

Target Details

domain family of nuclear transcriptional regulators. All of the RUNX proteins form dimers with CBF-beta. The runt domain (aa 54-186) is required for DNA binding, while a pro/ser/thr-rich region (aa 191-415) transcriptionally activates target genes. Isoform 2 has an alternate 19 aa in place of the N-terminal 5 aa of isoform 1. The 415 aa Human RUNX3 shares 91 % aa identity with mouse or rat RUNX3. RUNX3 is necessary for growth control of gastric epithelium, neurogenesis of dorsal root ganglia, and T cell differentiation. RUNX3 expression is frequently mutated in tumors and appears to be silenced by methylation.

Molecular Weight:

Calculated MW: 45.54 kDa

Observed MW: 50 kDa

UniProt:

013761

Application Details

Restrictions:

For Research Use only

Handling

Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01 % Tween80 are added as protectants before lyophilization.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Expiry Date:	12 months