RUNX3 Polyclonal Antibody

Catalog No. E-AB-61635

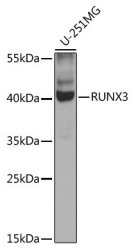
Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

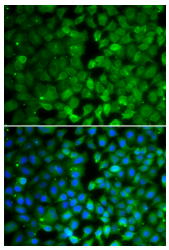
Reactivity	Human
Immunogen	Recombinant fusion protein of human RUNX3 (NP_001026850.1).
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Applications	Recommended Dilution
WB	1:500-1:2000
IF	1:50-1:100

Data



Western blot analysis of extracts of U-251MG cells using RUNX3 Polyclonal Antibody at dilution of 1:1000.
Observed Mw:44kDa
Calculated Mw:44kDa/45kDa



Immunofluorescence analysis of MCF-7 cells using RUNX3 Polyclonal Antibody

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

Background

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. Alternative splicing results in multiple transcript variants.