

RUNX3 Rabbit pAb

Catalog No.: A7303 **1 Publications**

Basic Information

Observed MW

49kDa

Calculated MW

44kDa

Category

Primary antibody

Applications

ELISA, WB, IF/ICC

Cross-Reactivity

Human, Mouse

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'-PYGPGGT-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.

Recommended Dilutions

WB	1:500 - 1:1000
IF/ICC	1:50 - 1:100

Immunogen Information

Gene ID

864

Swiss Prot

Q13761

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 286-415 of human RUNX3 (NP_004341.1).

Synonyms

AML2; CBFA3; PEBP2aC; RUNX3

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

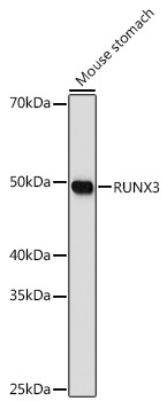
Affinity purification

Storage

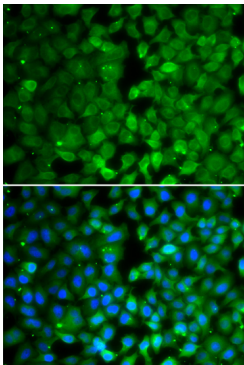
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of extracts of Mouse stomach, using RUNX3 antibody (A7303) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 180s.



Immunofluorescence analysis of MCF-7 cells using RUNX3 antibody (A7303). Blue: DAPI for nuclear staining.