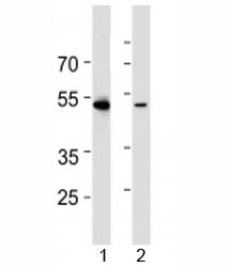
RUNX3 Antibody (F44057)

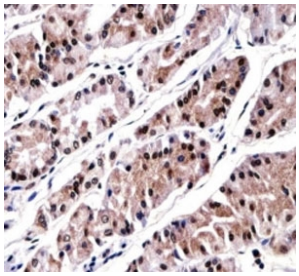
Catalog No.	Formulation	Size
F44057-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F44057-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

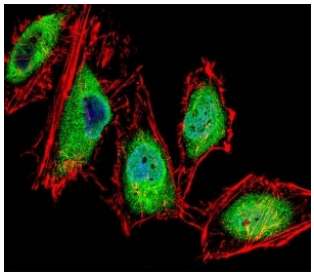
Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	Q13761
Applications	Western blot: 1:1000 IHC (Paraffin): 1:10-1:50 Immunofluorescence: 1:10-1:50
Limitations	This RUNX3 antibody is available for research use only.



Western blot analysis of lysate from 1) HL-60 and 2) Jurkat cell line using RUNX3 antibody at 1:1000. Predicted molecular weight: ~44 kDa, isoforms can be observed at 42-48 kDa.



RUNX3 antibody immunohistochemistry analysis in formalin fixed and paraffin embedded human stomach tissue.



Fluorescent confocal image of HeLa cells stained with RUNX3 antibody. Alexa Fluor 488 secondary was used (green). RUNX3 immunoreactivity is localized to the nucleus and cytoplasm.

Description

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.

Application Notes

Titration of the RUNX3 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 168-197 from the human protein was used as the immunogen for this RUNX3 antibody.

Storage

Aliquot the RUNX3 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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