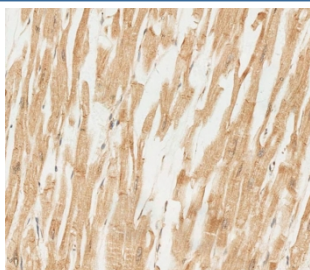


## RNF4 Antibody (F54707)

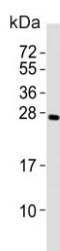
Catalog No.	Formulation	Size
F54707-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54707-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

[Bulk quote request](#)

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Purified
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit Ig
<b>Purity</b>	Antigen affinity purified
<b>UniProt</b>	P78317
<b>Localization</b>	Cytoplasmic, nuclear
<b>Applications</b>	Western Blot : 1:500-1:2000 Flow Cytometry : 1:25 (1x10e6 cells) Immunohistochemistry (FFPE) : 1:25
<b>Limitations</b>	This RNF4 antibody is available for research use only.



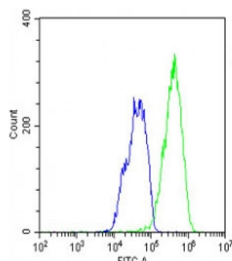
IHC testing of FFPE human heart tissue with RNF4 antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



Western blot testing of human kidney tissue lysate with RNF4 antibody. Expected molecular weight: 15-30 kDa (isoform 1).



Western blot testing of human LNCaP cell lysate with RNF4 antibody. Expected molecular weight: 15-30 kDa (isoform 1).



Flow cytometry testing of fixed and permeabilized human HepG2 cells with RNF4 antibody; Blue=isotype control, Green= RNF4 antibody.

## Description

The protein encoded by this gene contains a RING finger motif and acts as a transcription regulator. This protein has been shown to interact with, and inhibit the activity of, TRPS1, a transcription suppressor of GATA-mediated transcription. Transcription repressor ZNF278/PATZ is found to interact with this protein, and thus reduce the enhancement of androgen receptor-dependent transcription mediated by this protein. Studies of the mouse and rat counterparts suggested a role of this protein in spermatogenesis. A pseudogene of this gene is found on chromosome 1.

## Application Notes

The stated application concentrations are suggested starting points. Titration of the RNF4 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

A portion of amino acids 95-123 from the human protein was used as the immunogen for the RNF4 antibody.

## Storage

Aliquot the RNF4 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.