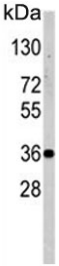
NANOS1 Antibody / NANOS (F54684)

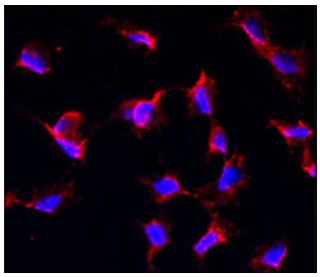
Catalog No.	Formulation	Size
F54684-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54684-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

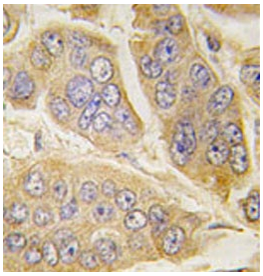
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Purified
UniProt	Q8WY41
Localization	Cytoplasmic
Applications	Immunofluorescence: 1:25 Flow cytometry: 1:25 (1x10e6 cells) Western blot: 1:500-1:2000 Immunohistochemistry (FFPE): 1:25
Limitations	This NANOS1 antibody is available for research use only.



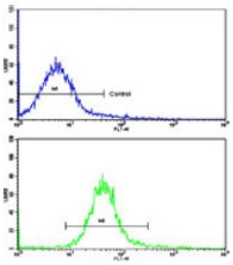
Western blot testing of human T-47D cell lysate with NANOS1 antibody. Predicted molecular weight: ~30 kDa but routinely observed at 35~40 kDa.



Immunofluorescent staining of human HeLa cells with NANOS1 antibody (red) and DAPI nuclear stain (blue).



IHC testing of FFPE human breast cancer tissue with NANOS1 antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



Flow cytometry testing of human HeLa cells with NANOS1 antibody; Blue=isotype control, Green= NANOS1 antibody.

Description

NANOS1 may regulate translation of specific mRNAs by forming a complex with PUM2 that associates with the 3'-UTR of mRNA targets.

Application Notes

The stated application concentrations are suggested starting points. Titration of the NANOS1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 263-292 from the human protein was used as the immunogen for the NANOS1 antibody.

Storage

Aliquot the NANOS1 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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