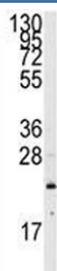


## NRAS Antibody (F50733)

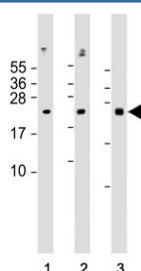
Catalog No.	Formulation	Size
F50733-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F50733-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

**Bulk quote request**

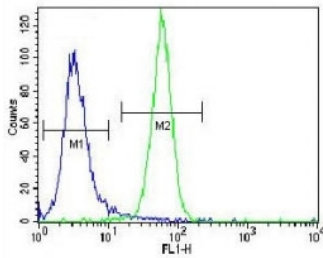
<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human, Mouse, Rat
<b>Format</b>	Purified
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit Ig
<b>Purity</b>	Purified
<b>UniProt</b>	P01111
<b>Applications</b>	Western Blot : 1:1000 Flow Cytometry : 1:10-1:50 Immunofluorescence : 1:10-1:50
<b>Limitations</b>	This NRAS antibody is available for research use only.



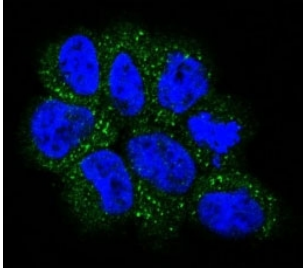
Western blot analysis of NRAS antibody and CEM lysate. Predicted molecular weight ~21 kDa.



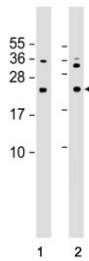
Western blot analysis of 1) human HepG2, 2) mouse testis and 3) rat lung tissue lysate with NRAS antibody. Predicted molecular weight ~21 kDa.



NRAS antibody flow cytometric analysis of NCI-H460 cells (green) compared to a [negative control](http://search_result.php?search_txt=n1001) (blue). FITC-conjugated goat-anti-rabbit secondary Ab was used for the analysis.



Confocal immunofluorescent analysis of NRAS antibody with NCI-H460 cells followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used as a nuclear counterstain (blue).



Western blot analysis of human 1) A431 and 2) HepG2 cell lysate with NRAS antibody. Predicted molecular weight ~21 kDa.

## Description

NRAS is a membrane protein that shuttles between the Golgi apparatus and the plasma membrane. This shuttling is regulated through palmitoylation and depalmitoylation by the ZDHHC9-GOLGA7 complex. This protein, which has intrinsic GTPase activity, is activated to a GTP-bound form by a GTPase activating protein and inactivated to a GDP-bound form by a guanine nucleotide-exchange factor. Defects in the gene encoding this protein are a cause of juvenile myelomonocytic leukemia (JMML).

## Application Notes

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

## Immunogen

A portion of amino acids 72-101 from the human protein was used as the immunogen for this NRAS antibody.

## Storage

Aliquot the NRAS antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.

