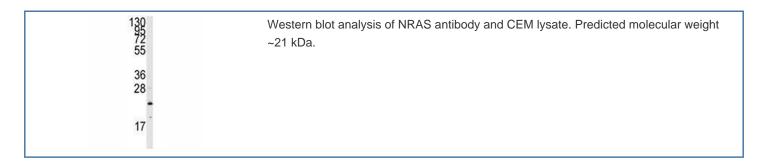


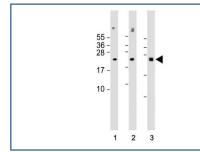
NRAS Antibody (F50733)

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

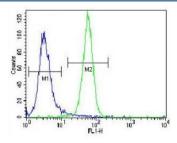
Bulk quote request

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

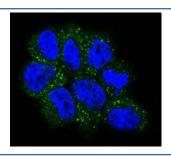




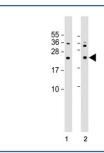
Western blot analysis of 1) human HepG2, 2) mouse testis and 3) rat lung tissue lysate with NRAS antibody. Predicted molecular weight ~21 kDa.



NRAS antibody flow cytometric analysis of NCI-H460 cells (green) compared to a <u>negative control</u> (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 -20oC or colder. Avoid repeated freeze-thaw cycles.