

Datasheet for ABIN3031130  
**anti-GTPase NRas antibody (AA 72-101)**[Go to Product page](#)

## 7 Images

## Overview

Quantity:	0.4 mL
Target:	GTPase NRas (NRAS)
Binding Specificity:	AA 72-101
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GTPase NRas antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS), Immunofluorescence (IF)

## Product Details

Immunogen:	A portion of amino acids 72-101 from the human protein was used as the immunogen for this NRAS antibody.
Isotype:	Ig Fraction
Cross-Reactivity (Details):	Expected species reactivity: Chicken, Mouse, Pig, Rat
Purification:	Purified

## Target Details

Target:	GTPase NRas (NRAS)
Alternative Name:	NRAS ( <a href="#">NRAS Products</a> )
Background:	NRAS is a membrane protein that shuttles between the Golgi apparatus and the plasma

## Target Details

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).

UniProt: [P01111](#)

Pathways: [p53 Signaling](#), [MAPK Signaling](#), [RTK Signaling](#), [Fc-epsilon Receptor Signaling Pathway](#), [EGFR Signaling Pathway](#), [Neurotrophin Signaling Pathway](#), [Hepatitis C](#), [Regulation of long-term Neuronal Synaptic Plasticity](#), [VEGF Signaling](#)

## Application Details

Application Notes: Titration of the NRAS antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000,Flow Cytometry: 1:10-1:50,Immunofluorescence: 1:10-1:50

Restrictions: For Research Use only

## Handling

Format: Liquid

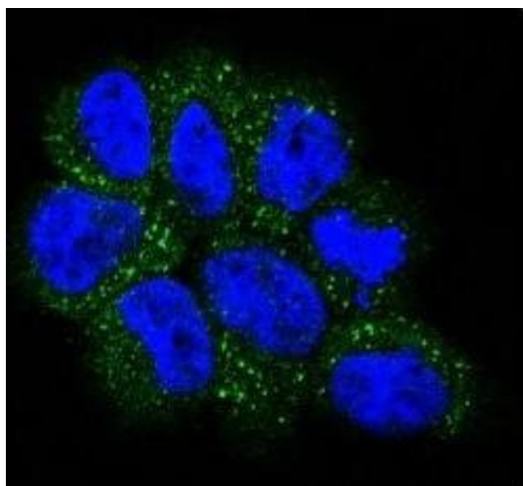
Buffer: In 1X PBS, pH 7.4, with 0.09 % sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

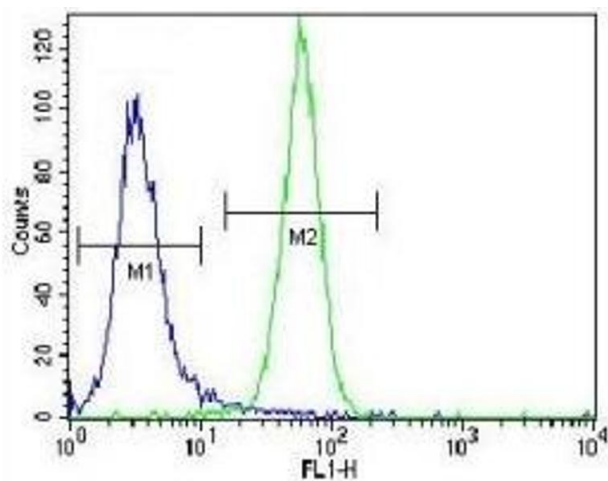
Storage: -20 °C

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



### Immunofluorescence

**Image 1.** 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).



### Flow Cytometry

**Image 2.** NRAS antibody flow cytometric analysis of NCI-H460 cells (green) compared to a negative control (blue). FITC-conjugated goat-anti-rabbit secondary Ab was used for the analysis.



### Western Blotting

**Image 3.** Western blot analysis of NRAS antibody and 293 cell lysate either nontransfected (Lane 1) or transiently transfected with the NRAS gene (2).

Please check the [product details page](#) for more images. Overall 7 images are available for ABIN3031130.