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Datasheet for ABIN392152 anti-GTPase NRas antibody (N-Term)

4 Images



Overview

Quantity:	400 µL
Target:	GTPase NRas (NRAS)
Binding Specificity:	AA 72-101, N-Term
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GTPase NRas antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunofluorescence (IF)

Product Details

Immunogen:	This NRAS antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 72-101 amino acids from the N-terminal region of human NRAS.
Clone:	RB14459
Isotype:	Ig Fraction
Predicted Reactivity:	C, Pig
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	GTPase NRas (NRAS)
Alternative Name:	NRAS (NRAS Products)

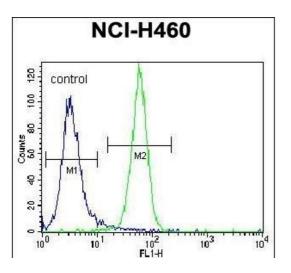
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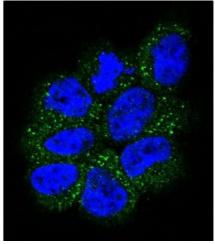
Target Details	
Background:	NRAS is a membrane protein that shuttles between the Golgi apparatus and the plasma membrane. This shuttling is regulated through palmitoylation and depalmitoylation by the ZDHHC9-GOLGA7 complex. This protein, which has intrinsic GTPase activity, is activated to a GTP-bound 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).
Molecular Weight:	21229
Gene ID:	4893
NCBI Accession:	NP_002515
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

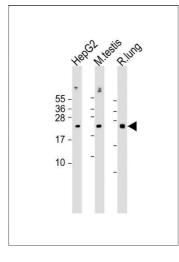
Application Details

Application Notes: IF: 1:10~50. WB: 1:1000. WB: 1:1000. FC: 1:10~50 Restrictions: For Research Use only Handling If: 1:10~50. WB: 1:1000. FC: 1:10~50 Format: Liquid Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide Preservative: Sodium azide Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBS	
Handling Format: Liquid Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide Preservative: Sodium azide	
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should be handled by trained staff only.	
Storage: 4 °C,-20 °C	
Storage Comment: Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage stor	re at -20 °C in small
aliquots to prevent freeze-thaw cycles.	
Expiry Date: 6 months	

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Flow Cytometry

Image 1. NRAS Antibody (N-term) (ABIN392152 and ABIN2841877) flow cytometric analysis of NCI- cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Immunofluorescence

Image 2. Confocal immunofluorescent analysis of NRAS Antibody (N-term) (ABIN392152 and ABIN2841877) with NCI- cell followed by Alexa Fluor 488-conjugated goat antirabbit IgG (green).DI was used to stain the cell nuclear (blue).

Western Blotting

Image 3. All lanes : Anti-NRAS Antibody (N-term) at 1:1000 dilution Lane 1: HepG2 whole cell lysate Lane 2: Mouse testis whole tissuelysate Lane 3: Rat lung whole tissue lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 21 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.

Please check the product details page for more images. Overall 4 images are available for ABIN392152.

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