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# anti-GTPase NRas antibody (AA 147-179)



**Images** 



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Overview		
Quantity:	0.4 mL	
Target:	GTPase NRas (NRAS)	
Binding Specificity:	AA 147-179	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This GTPase NRas antibody is un-conjugated	
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Flow Cytometry (FACS)	
Product Details		
Immunogen:	A portion of amino acids 147-179 from the human protein was used as the immunogen for this	
	NRAS antibody.	
Isotype:	lg Fraction	
Cross-Reactivity (Details):	Expected species reactivity: Pig	
Purification:	Purified	
Target Details		
Target:	GTPase NRas (NRAS)	
Alternative Name:	NRAS (NRAS Products)	
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**

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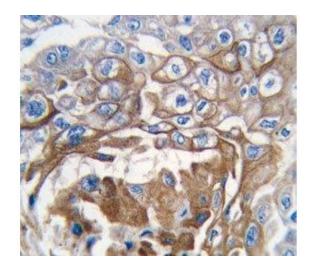
Titration of the NRAS antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000,IHC (Paraffin): 1:10-1:50,Flow Cytometry: 1:10-1:50

#### Restrictions:

For Research Use only

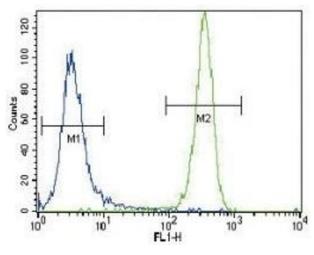
# Handling

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.



### **Immunohistochemistry**

**Image 1.** IHC analysis of FFPE human lung carcinoma tissue stained with NRAS antibody



#### **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.** NRAS antibody western blot analysis in MCF-7 lysate. Predicted molecular weight ~21 kDa.

Please check the product details page for more images. Overall 5 images are available for ABIN3031131.