



[Go to Product page](#)

Datasheet for ABIN7267532

anti-GTPase NRas antibody (AA 1-189)

5 Images

Overview

Quantity:	100 µL
Target:	GTPase NRas (NRAS)
Binding Specificity:	AA 1-189
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GTPase NRas antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Purpose:	NRAS Rabbit pAb
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-189 of human NRAS (NP_002515.1).
Sequence:	MTEYKLVVVG AGGVGKSALT IQLIQNHFVD EYDPTIEDSY RKQVVIDGET CLLDILDTAG QEEYSAMRDQ YMRTGEGFLC VFAINNSKSF ADINLYREQI KRVKDSDDVP MVLVGNKCDL PTRTVDTKQA HELAKSYGIP FIETSAKTRQ GVEDAFYTLV REIRQYRMKK LNSSDDGTQG CMGLPCVVM
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

Product Details

Purification: Affinity purification

Target Details

Target: GTPase NRas (NRAS)

Alternative Name: NRAS ([NRAS Products](#))

Background: This is an N-ras oncogene encoding 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. The encoded protein, which has intrinsic GTPase activity, is activated by a guanine nucleotide-exchange factor and inactivated by a GTPase activating protein. Mutations in this gene have been associated with somatic rectal cancer, follicular thyroid cancer, autoimmune lymphoproliferative syndrome, Noonan syndrome, and juvenile myelomonocytic leukemia.,NRAS,ALPS4,CMNS,N-ras,NCMS,NRAS1,NS6,Cancer,Signal Transduction,G protein signaling,Signal Transduction,G2/M DNA Damage Checkpoint,ErbB-HER Signaling Pathway,MAPK-Erk Signaling Pathway,MAPK-JNK Signaling Pathway,Cell Biology & Developmental Biology,Cytoskeleton,Actins,Endocrine & Metabolism,Insulin Receptor Signaling Pathway,Warburg Effect,Immunology & Inflammation,T Cell Receptor Signaling Pathway,IL-6 Receptor Signaling Pathway,NF-kB Signaling Pathway,NRAS

Molecular Weight: 21kDa

Gene ID: 4893

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: WB,1:500 - 1:2000,IF,1:50 - 1:200

Restrictions: For Research Use only

Handling

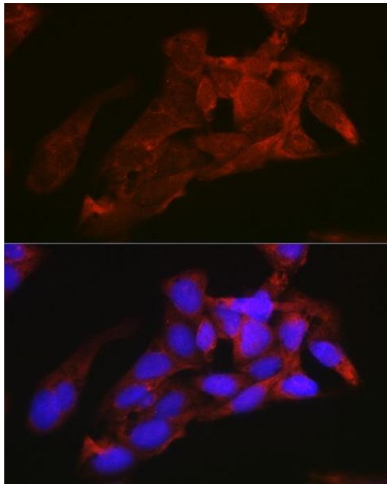
Format: Liquid

Buffer: PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.

Handling

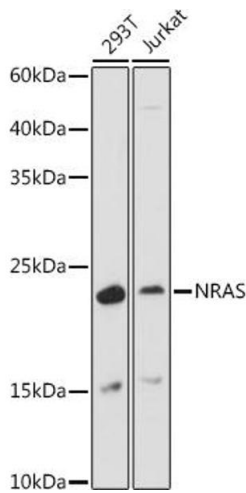
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.

Images



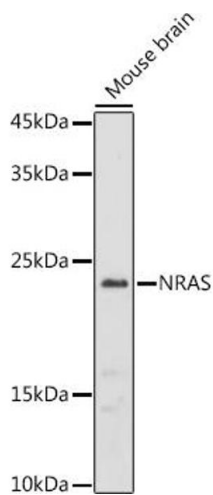
Immunofluorescence

Image 1. Immunofluorescence analysis of U2OS cells using NRAS Rabbit pAb (ABIN7267532) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using NRAS antibody (ABIN7267532) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Enhanced Kit (RM00021). Exposure time: 10s.



Western Blotting

Image 3. Western blot analysis of extracts of Mouse brain, using NRAS antibody (ABIN7267532) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN7267532.