

**NRAS Antibody (C-term)**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP7745b****Specification**

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**NRAS Antibody (C-term) - Product Information**

Application	WB,E
Primary Accession	<a href="#">P01111</a>
Other Accession	<a href="#">Q2MJK3</a>
Reactivity	Human
Predicted	Pig
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	21229
Antigen Region	147-179

**NRAS Antibody (C-term) - Additional Information****Gene ID** 4893**Other Names**

GTPase NRas, Transforming protein N-Ras, NRAS, HRAS1

**Target/Specificity**

This NRAS antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 147-179 amino acids from the C-terminal region of human NRAS.

**Dilution**

WB~~1:2000

E~~Use at an assay dependent concentration.

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

NRAS Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**NRAS Antibody (C-term) - Protein Information****Name** NRAS

## Synonyms HRAS1

**Function** Ras proteins bind GDP/GTP and possess intrinsic GTPase activity.

## Cellular Location

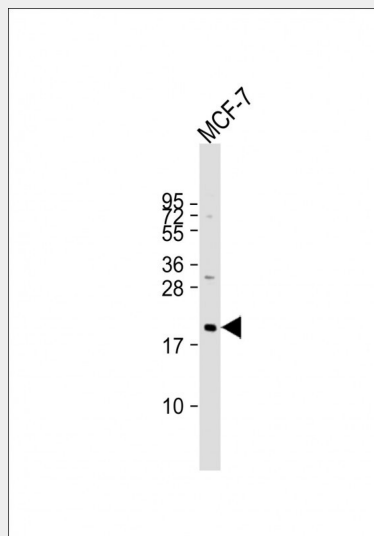
Cell membrane; Lipid-anchor; Cytoplasmic side. Golgi apparatus membrane; Lipid-anchor  
Note=Shuttles between the plasma membrane and the Golgi apparatus

## NRAS Antibody (C-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## NRAS Antibody (C-term) - Images



Anti-NRAS Antibody (C-term) at 1:2000 dilution + MCF-7 whole cell lysate Lysates/proteins at 20  $\mu$ g per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 21 kDa Blocking/Dilution buffer: 5% NFDN/TBST.

## NRAS Antibody (C-term) - 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).

## NRAS Antibody (C-term) - References

Smalley, K.S., *Cancer Res.* 68 (14), 5743-5752 (2008)  
Banerji, U., *Mol. Cancer Ther.* 7 (4), 737-739 (2008)