

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

NRAS Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	P01111
Other Accession	Q2MJK3
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

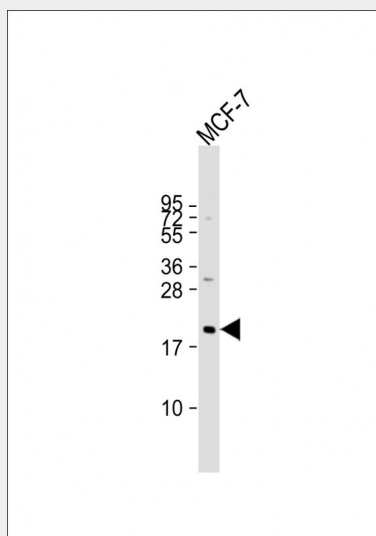
Cell membrane; Lipid-anchor; Cytoplasmic side. Golgi apparatus membrane; Lipid-anchor

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 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.

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)