

NRAS Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP22295a**Specification**

NRAS Antibody - Product Information

Application	WB, IHC-P,E
Primary Accession	P01111
Other Accession	Q2MJK3
Reactivity	Human, Rat
Predicted	Pig
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Calculated MW	21229

NRAS Antibody - Additional Information**Gene ID** 4893**Other Names**

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

Target/Specificity

This NRAS antibody is generated from a rabbit immunized with arecombinant protein from the human region of human NRAS.

Dilution

WB~~1:2000

IHC-P~~1:25

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

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 is for research use only and not for use in diagnostic or therapeutic procedures.

NRAS Antibody - 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

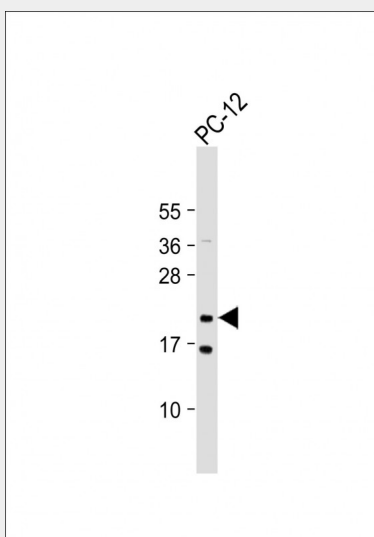
Note=Shuttles between the plasma membrane and the Golgi apparatus

NRAS Antibody - Protocols

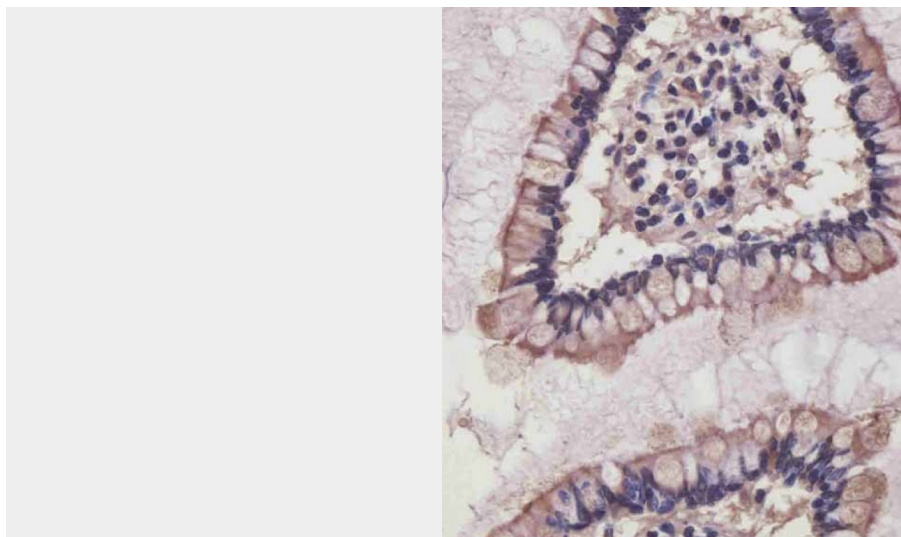
Provided below are standard protocols that you may find useful for product applications.

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

NRAS Antibody - Images



Anti-NRAS Antibody at 1:2000 dilution + PC-12 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.



AP22295a staining NRAS in human small intestine tissue sections by Immunohistochemistry (IHC-P - paraformaldehyde-fixed, paraffin-embedded sections). Tissue was fixed with formaldehyde and blocked with 3% BSA for 0.5 hour at room temperature; antigen retrieval was by heat mediation with a citrate buffer (pH6). Samples were incubated with primary antibody (1/25) for 1 hour at 37°C. A undiluted biotinylated goat polyvalent antibody was used as the secondary antibody.

NRAS Antibody - Background

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

NRAS Antibody - References

Taparowsky E., et al. Cell 34:581-586(1983).
Hall A., et al. Nucleic Acids Res. 13:5255-5268(1985).
Brown R., et al. EMBO J. 3:1321-1326(1984).
Yuasa Y., et al. Proc. Natl. Acad. Sci. U.S.A. 81:3670-3674(1984).
Puhl H.L. III, et al. Submitted (MAR-2002) to the EMBL/GenBank/DDBJ databases.