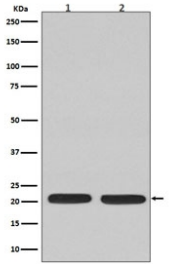
# NRAS Antibody [clone DBC-14] (RQ4865)

| Catalog No. | Formulation | Size |
|---|---|---|
| RQ4865 | Antibody in PBS with 0.02% sodium azide, 50% glycerol and 0.4-0.5mg/ml BSA | 100 ul |

**Bulk quote request**

| | |
|---|---|
| **Availability** | 1-2 weeks |
| **Species Reactivity** | Human, Rat |
| **Format** | Purified |
| **Host** | Rabbit |
| **Clonality** | Rabbit Monoclonal |
| **Isotype** | Rabbit IgG |
| **Clone Name** | DBC-14 |
| **Purity** | Affinity purified |
| **UniProt** | P01111 |
| **Applications** | Western blot: 1:10000-1:20000 |
| **Limitations** | This NRAS antibody is available for research use only. |




Western blot testing of 1) rat C6 and 2) human Jurkat cell lysate with NRAS antibody. Predicted molecular weight ~21 kDa.

## Description

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. It has intrinsic GTPase activity, is activated by a guanine nucleotide-exchange factor and inactivated by a GTPase activating protein. Mutations in the gene have been associated with somatic rectal cancer, follicular thyroid cancer, autoimmune lymphoproliferative syndrome, Noonan syndrome, and juvenile myelomonocytic leukemia. [RefSeq]

## Application Notes

Optimal dilution of the NRAS antibody should be determined by the researcher.

## Immunogen

A synthetic peptide specific to human NRAS was used as the immunogen for the NRAS antibody.

## Storage

Store the NRAS antibody at -20oC.


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