

Phospho-NRAS-S89 Rabbit pAb

Catalog No.: AP1169

Basic Information

Observed MW

Refer to Figures

Calculated MW

21kDa

Category

Primary antibody

Applications

ELISA, WB

Cross-Reactivity

Human

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.

Recommended Dilutions

WB 1:500 - 1:2000

Immunogen Information

Gene ID

4893

Swiss Prot

P01111

Immunogen

A synthetic phosphorylated peptide around S89 of human NRAS (NP_002515.1).

Synonyms

NS6; CMNS; KRAS; NCMS; ALPS4; N-ras; NRAS1; Phospho-NRAS-S89

Contact

 | www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.