

NRAS

Reactivity: Human

Tested applications: WB IHC FC

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:100 FC 1:20 - 1:50

Calculated MW: 21kDa

Observed MW: Refer to Figures

Immunogen:

A synthetic peptide of human NRAS

Storage Buffer:

Store at 4. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

ALPS4;N-ras;NRAS1;NS6;GTPase NRas antibody;Transforming protein N-Ras antibody;

Catalog #: A0155

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 4893

Isotype: IgG

Swiss Prot: P01111

Purity: Affinity purification

For research use only.

Background:

Ras (p21), a signal transducer, was first characterized as the transforming genes of Harvey & Kristen sarcoma virus. The Ras family (H-Ras, N-Ras, and K-Ras) regulates cell growth, differentiation and apoptosis. Switching from an active or resting state, Ras can either bind GTP or GDP respectively. In the triphosphate conformation, Ras will interact with GTPase activating protein (GAP) to increase its activity. Mutations in any of the three isoforms can convert these proteins into active oncogenes. Additionally, Ras mutations are found in 30 % of all human cancer.

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