

Product datasheet for TA326638

Troduct datastreet for TA520050

NRAS Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: WB

Recommended Dilution: WB: 0.5 - 1 ug/mL

Reactivity: Human, Mouse, Rat

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

Immunogen: N-RAS antibody was raised against a 15 amino acid peptide near the carboxy terminus of

human N-RAS.

Formulation: N-RAS Antibody is supplied in PBS containing 0.02% sodium azide.

Concentration: 1 mg/ml

Purification: N-RAS Antibody is affinity chromatography purified via peptide column.

Conjugation: Unconjugated

Storage: Antibody can be stored at 4°C up to one year. Antibodies should not be exposed to

prolonged high temperatures.

Stability: Stable for 12 months from date of receipt.

Predicted Protein Size: Predicted: 21; Observed: 20

Gene Name: neuroblastoma RAS viral oncogene homolog

Database Link: NP 002515

Entrez Gene 18176 MouseEntrez Gene 24605 RatEntrez Gene 4893 Human

P01111



OriGene Technologies, Inc. 9620 Medical Center Drive, Ste 200

CN: techsupport@origene.cn

Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com



Background:

N-RAS Antibody: Activating mutations and overexpression of classical Ras subfamily members (N-RAS, H-RAS, and K-RAS) have been widely investigated as key events in the development of human cancers. The N-RAS protein shuttles between the Golgi apparatus and the plasma membrane. This shuttling is regulated through palmitoylation and depalmitoylation by the ZDHHC9-GOLGA7 complex. N-RAS, 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.

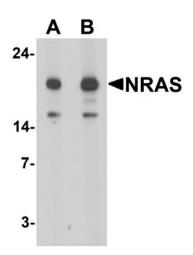
Synonyms: ALPS4; CMNS; N-ras; NCMS; NRAS1; NS6

Protein Families: Druggable Genome

Protein Pathways:

Acute myeloid leukemia, Axon guidance, B cell receptor signaling pathway, Bladder cancer, Chemokine signaling pathway, Chronic myeloid leukemia, Endometrial cancer, ErbB signaling pathway, Fc epsilon RI signaling pathway, Gap junction, Glioma, GnRH signaling pathway, Insulin signaling pathway, Long-term depression, Long-term potentiation, MAPK signaling pathway, Melanogenesis, Melanoma, Natural killer cell mediated cytotoxicity, Neurotrophin signaling pathway, Non-small cell lung cancer, Pathways in cancer, Prostate cancer, Regulation of actin cytoskeleton, Renal cell carcinoma, T cell receptor signaling pathway, Thyroid cancer, Tight junction, VEGF signaling pathway

Product images:



Western blot analysis of N-RAS in 293 cell lysate with N-RAS antibody at (A) 1 and (B) 2 ug/mL.