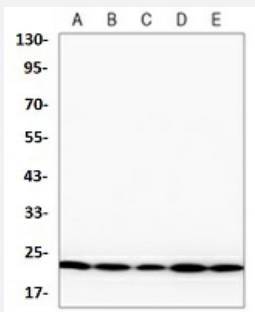


RecomAb™

NRAS recombinant monoclonal antibody

Catalog # RAB02606 Size 100 uL

Applications



Western Blot

Western blot analysis of Hela (A), CHOK1 (B), C6 (C), NIH3T3 (D), mouse brain (E) whole cell lysates with NRAS recombinant monoclonal antibody (Cat # RAB02606).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human NRAS.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide of human NRAS.
Theoretical MW (kDa)	21
Reactivity	Hamster, Human, Mouse, Rat
Specificity	Recognizes endogenous levels of NRAS protein.
Form	Liquid
Purification	Immunogen affinity chromatography
Isotype	IgG
Recommend Usage	Immunoprecipitation (1:10-1:50) Western Blot (1:500-1:1000)
Storage Buffer	In 50mM Tris-Glycine, pH 7.4 (0.15M NaCl, 50% Glycerol, 0.01% Sodium azide and 0.05% BSA)

Storage Instruction

Store at 4°C short term.
Aliquot and store at -20°C long term.
Avoid freeze-thaw cycles.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot

Western blot analysis of Hela (A), CHOK1 (B), C6 (C), NIH3T3 (D), mouse brain (E) whole cell lysates with NRAS recombinant monoclonal antibody (Cat # RAB02606).

- Immunoprecipitation

Gene Info — NRAS

Entrez GeneID[4893](#)**Protein Accession#**[P01111](#)**Gene Name**

NRAS

Gene Alias

ALPS4, N-ras, NRAS1

Gene Description

neuroblastoma RAS viral (v-ras) oncogene homolog

Omim ID[114500](#) [164790](#) [188470](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

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 to a GTP-bound form by a GTPase activating protein and inactivated to a GDP-bound form by a guanine nucleotide-exchange factor. Defects in this gene are a cause of juvenile myelomonocytic leukemia (JMML). [provided by RefSeq]

Other Designations

N-ras protein part 4|OTTHUMP00000013879|v-ras neuroblastoma RAS viral oncogene homolog

Pathway

- [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](#)

Disease

- [Acute Disease](#)
- [Adenocarcinoma](#)
- [Adenoma](#)
- [Blast Crisis](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Colorectal Neoplasms](#)
- [Common Bile Duct Neoplasms](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Edema](#)
- [Gastrointestinal Stromal Tumors](#)
- [Genetic Predisposition to Disease](#)
- [HIV Infections](#)
- [Leukemia](#)
- [Lymphatic Metastasis](#)
- [Malignant melanoma](#)
- [Melanoma](#)
- [Microsatellite Instability](#)
- [Myelodysplastic Syndromes](#)
- [Necrosis](#)
- [Neoplasm Invasiveness](#)

- [Neoplasm Metastasis](#)
- [Neoplasm Recurrence](#)
- [Neurofibromatosis](#)
- [Nevus](#)
- [Pancreatic cancer](#)
- [Pancreatic Neoplasms](#)
- [Purpura](#)
- [Ras oncogene](#)
- [Sarcoma](#)
- [Skin Neoplasms](#)
- [Thyroid Diseases](#)
- [Thyroid Neoplasms](#)
- [Tobacco Use Disorder](#)
- [Urinary Bladder Neoplasms](#)