

RecomAb™

NRAS recombinant monoclonal antibody, clone R01-7D0

Catalog # RAB04453 Size 100 uL

Applications



Western Blot

Western blot analysis of Lane 1: 3T3 whole cell lysate and Lane 2: mouse brain tissue with NRAS recombinant monoclonal antibody, clone R01-7D0 (Cat # RAB04453).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human NRAS.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human NRAS.
Theoretical MW (kDa)	Calculated MW: 21 kD
Reactivity	Hamster, Human, Mouse, Rat
Form	Liquid
Purification	Affinity chromatography
Isotype	IgG
Recommend Usage	Immunoprecipitation (1:20) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 50mM Tris-Glycine, 150mM NaCl, pH 7.4 (40% glycerol, 0.05% BSA and 0.01% Sodium azide)

Storage Instruction

Store at 4°C. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

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 Lane 1: 3T3 whole cell lysate and Lane 2: mouse brain tissue with NRAS recombinant monoclonal antibody, clone R01-7D0 (Cat # RAB04453).

- 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](#)