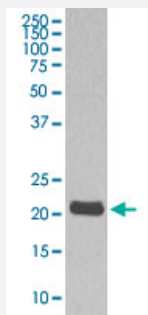


HRAS monoclonal antibody, clone BEA-8

Catalog # MAB20115 Size 100 uL

Applications



Western Blot (Cell lysate)

Western Blot analysis of MCF7 cell lysate with HRAS monoclonal antibody, clone BEA-8 (Cat # MAB20115).

Specification

Product Description Rabbit monoclonal antibody raised against synthetic peptide of human HRAS.

Immunogen A synthetic peptide corresponding to human HRAS.

Host Rabbit

Theoretical MW (kDa) 21.298

Reactivity Human

Form Liquid

Purification Affinity purification

Isotype IgG

Recommend Usage

- Flow Cytometry (1:30)
- Immunocytochemistry (1:50-1:200)
- Immunofluorescence (1:50-1:200)
- Immunoprecipitation (1:50)
- Western Blot (1:500-1:2000)

The optimal working dilution should be determined by the end user.

Storage Buffer	In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide).
Storage Instruction	Store at -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. 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 (Cell lysate)

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- Immunocytochemistry

- Immunofluorescence

- Immunoprecipitation

- Flow Cytometry

Gene Info — HRAS

Entrez GeneID	3265
Protein Accession#	P01112
Gene Name	HRAS
Gene Alias	C-BAS/HAS, C-H-RAS, C-HA-RAS1, CTLO, H-RASIDX, HAMSV, HRAS1, K-RAS, N-RAS, RAS H1
Gene Description	v-Ha-ras Harvey rat sarcoma viral oncogene homolog
Omim ID	109800 188470 190020 218040
Gene Ontology	Hyperlink

Gene Summary

This gene belongs to the Ras oncogene family, whose members are related to the transforming genes of mammalian sarcoma retroviruses. The products encoded by these genes function in signal transduction pathways. These proteins can bind GTP and GDP, and they have intrinsic GTPase activity. This protein undergoes a continuous cycle of de- and re-palmitoylation, which regulates its rapid exchange between the plasma membrane and the Golgi apparatus. Mutations in this gene cause Costello syndrome, a disease characterized by increased growth at the prenatal stage, growth deficiency at the postnatal stage, predisposition to tumor formation, mental retardation, skin and musculoskeletal abnormalities, distinctive facial appearance and cardiovascular abnormalities. Defects in this gene are implicated in a variety of cancers, including bladder cancer, follicular thyroid cancer, and oral squamous cell carcinoma. Multiple transcript variants, which encode different isoforms, have been identified for this gene. [provided by RefSeq]

Other Designations

GTP- and GDP-binding peptide B|GTPase HRas|Ha-Ras1 proto-oncoprotein|OTTHUMP00000162769|OTTHUMP00000166053|OTTHUMP00000166055|Ras family small GTP binding protein H-Ras|c-has/bas p21 protein|c-ras-Ki-2 activated oncogene|p19 H-Ras|DX protein|transformation

Pathway

- [Acute myeloid leukemia](#)
- [Axon guidance](#)
- [B cell receptor signaling pathway](#)
- [Bladder cancer](#)
- [Chemokine signaling pathway](#)
- [Chronic myeloid leukemia](#)
- [Endocytosis](#)
- [Endometrial cancer](#)
- [ErbB signaling pathway](#)
- [Fc epsilon RI signaling pathway](#)
- [Focal adhesion](#)
- [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

- [Adenocarcinoma](#)
- [Adenoma](#)
- [Astrocytoma](#)
- [Brain Neoplasms](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Calcinosis](#)
- [Carcinoma](#)
- [Chromosome Deletion](#)

- [Chronic Disease](#)
- [Cocarcinogenesis](#)
- [Cognition Disorders](#)
- [Colon cancer](#)
- [Colorectal Neoplasms](#)
- [Common Bile Duct Neoplasms](#)
- [Developmental Disabilities](#)
- [Disease Progression](#)
- [Exocrine Pancreatic Insufficiency](#)
- [Gastritis](#)
- [Gastrointestinal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)
- [Glioma](#)
- [Lung Neoplasms](#)
- [Mouth Neoplasms](#)
- [Necrosis](#)
- [Neoplasm Metastasis](#)
- [Neoplasm Recurrence](#)
- [Neoplasms](#)
- [Oligodendroglioma](#)
- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)
- [Pancreatic cancer](#)
- [Pancreatic Neoplasms](#)

- [Pancreatitis](#)
- [Pulmonary Disease](#)
- [Pulmonary Fibrosis](#)
- [Ras oncogene](#)
- [Rupture](#)
- [Sarcoma](#)
- [Stomach Neoplasms](#)
- [Thyroid Neoplasms](#)
- [Urinary Bladder Neoplasms](#)