

Datasheet for ABIN737226  
**anti-HRAS antibody (AA 101-152)**



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1 Image

## Overview

Quantity:	100 µL
Target:	HRAS
Binding Specificity:	AA 101-152
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HRAS antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunoprecipitation (IP), Immunohistochemistry (Frozen Sections) (IHC (fro))

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human H-ras
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Predicted Reactivity:	Human,Chicken,Rabbit
Purification:	Purified by Protein A.

## Target Details

Target:	HRAS
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## Target Details

Alternative Name: HRAS ([HRAS Products](#))

Background: Synonyms: c bas/has, c H ras, c has/bas p21 protein, C K RAS, c K ras2 protein, c Ki ras, c Kirsten ras protein, c ras Ki 2 protein, Cellular c Ki ras2 proto oncogene antibody G1III6 N ras, GTPase HRas, GTPase KRas, GTPase NRas, H Ras 1, H RasIDX, Ha Ras, HRAS 1, HRAS, HRAS1, K Ras 2, K ras, K ras p21 protein, K RAS2A, K RAS2B, K RAS4A, K RAS4B, KI RAS, Kirsten rat sarcoma 2 viral v Ki ras2 oncogene homolog, KRAS 1, KRAS 2, KRAS, KRAS1, KRAS2, N ras, N ras oncogene, Neuroblastoma RAS viral v ras oncogene homolog, NRAS 1, NRAS, NRAS1, NS3, Oncogene KRAS2, p21ras, PR310 c K ras oncogene antibody RASH 1, RASH1, RASK 2, RASK2, Transforming protein N Ras, Transforming protein p21, v Ha ras Harvey rat sarcoma viral oncogene homolog, v Ki ras2 Kirsten rat sarcoma 2 viral oncogene homolog, v Ki ras2 Kirsten rat sarcoma viral oncogene homolog, v ras neuroblastoma RAS viral oncogene homolog, RASH\_HUMAN.

Background: 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].

Gene ID: 3265

Pathways: [p53 Signaling](#), [MAPK Signaling](#), [RTK Signaling](#), [Fc-epsilon Receptor Signaling Pathway](#), [EGFR Signaling Pathway](#), [Neurotrophin Signaling Pathway](#), [Hepatitis C](#), [Autophagy](#), [Signaling Events mediated by VEGFR1 and VEGFR2](#), [Signaling of Hepatocyte Growth Factor Receptor](#), [Regulation of long-term Neuronal Synaptic Plasticity](#), [VEGF Signaling](#), [BCR Signaling](#)

## Application Details

Application Notes: WB 1:300-5000  
ELISA 1:500-1000  
IHC-P 1:200-400

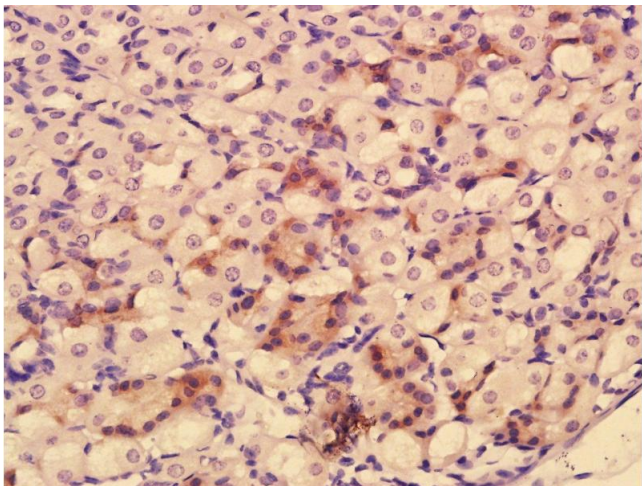
Application Details

	IHC-F 1:100-500
	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200
	IP(1-2 µg)
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

Images



Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Paraformaldehyde-fixed, paraffin embedded Mouse stomach, Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30min, Antibody incubation with HRAS Polyclonal Antibody, Unconjugated at 1:400 overnight at 4°C, followed by a conjugated secondary antibody for 20 minutes and DAB staining.