

Rabbit HRAS Polyclonal Antibody | anti-HRAS antibody

HRAS Antibody (C-term)

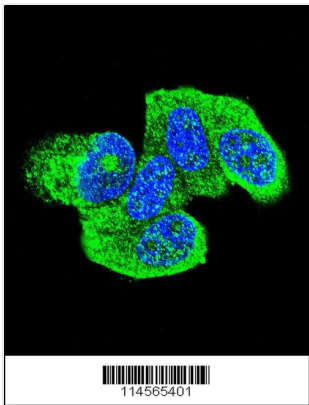
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287545	Rabbit	Human, mouse (Predicted Reactivity: Chicken, Rat)	Immunofluorescence, ELISA, Western Blot

PRODUCT SYNONYMS

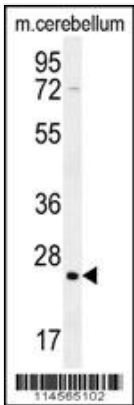
HRAS; Polyclonal Antibody; HRAS Antibody (C-term); GTPase HRas; H-Ras-1; Ha-Ras; Transforming protein p21; c-H-ras; p21ras; N-terminally processed; HRAS1; anti-HRAS antibody

PRODUCT SPECIFICATIONS

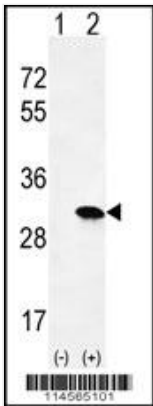
Host	Rabbit
Reactivity	Human, mouse (Predicted Reactivity: Chicken, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This HRAS antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 146-176 amino acids from the C-terminal region of human HRAS.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	146-176
Sequence Length	170
Applicable Applications for anti-HRAS antibody	IF (Immunofluorescence), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



IF (Immunofluorescence)
Confocal immunofluorescent analysis of HRAS Antibody (C-term) with MCF-7 cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).



WB (Western Blot)
HRAS Antibody (C-term) western blot analysis in mouse cerebellum tissue lysates (35ug/lane). This demonstrates the HRAS antibody detected the HRAS protein (arrow).



WB (Western Blot)
Western blot analysis of HRAS (arrow) using rabbit polyclonal HRAS Antibody (C-term). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the HRAS gene.

ADDITIONAL INFORMATION

Related Product Information for anti-HRAS antibody	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.
Product Categories/Family for anti-HRAS antibody	Cancer; Cell Biology; Signal transduction

References	Ma, Z., et al. Oncogene 29(41):5559-5567(2010) van Engen-van Grunsven, A.C., et al. Am. J. Surg. Pathol. 34(10):1436-1441(2010) Li, H., et al. Oncogene 29(36):5083-5094(2010) Kwack, K.B., et al. Korean J Gastroenterol 56(2):78-82(2010) Amosenko, F.A., et al. Genetika 46(5):700-708(2010)
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NCBI AND UNIPROT INFORMATION

NCBI GI #	194363762
NCBI GeneID	3265
NCBI Accession #	NP_001123914.1; NP_005334.1; NP_789765.1
NCBI GenBank Nucleotide #	NM_001130442.1
UniProt Accession #	P01112; Q14080; Q6FHV9; Q9BR65; Q9UCE2; B5BUA0
Molecular Weight	21298
NCBI Official Full Name	GTPase HRas isoform 1
NCBI Official Synonym Full Names	Harvey rat sarcoma viral oncogene homolog
NCBI Official Symbol	HRAS
NCBI Official Synonym Symbols	CTLO; HAMSV; HRAS1; RASH1; p21ras; C-H-RAS; H-RASIDX; C-BAS/HAS; C-HA-RAS1
NCBI Protein Information	GTPase HRas
UniProt Protein Name	GTPase HRas
UniProt Gene Name	HRAS
UniProt Synonym Gene Names	HRAS1
UniProt Entry Name	RASH_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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 Online datasheet: <https://stage.aaabiotech.com/polyclonal/hras-antibody-immunofluorescence-western-blot-elisa/287545>