

Rabbit HRAS Polyclonal Antibody | anti-HRAS antibody

HRAS Rabbit Polyclonal Antibody

CATALOG # AAA313286	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot
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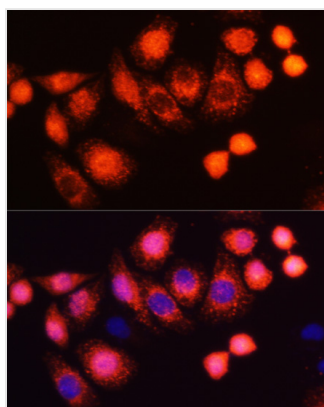
PRODUCT SYNONYMS

HRAS; Polyclonal Antibody; HRAS Rabbit Polyclonal Antibody; C-BAS/HAS; C-H-RAS; C-HA-RAS1; CTLO; H-RASIDX; HAMS; HRAS1; RASH1; p21ras; GTPase HRAS; anti-HRAS antibody

PRODUCT SPECIFICATIONS

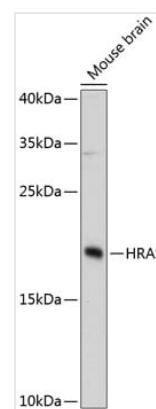
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Applicable Applications for anti-HRAS antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant fusion protein of human HRAS (NP_005334.1).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cells using HRAS at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of mouse brain, using HRAS at 1:3000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit (RM00021). Exposure time: 90s.

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	Primary Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	190938
NCBI GeneID	3265
UniProt Accession #	P01112; Q14080; Q6FHV9; Q9BR65; Q9UCE2; B5BUA0
Molecular Weight	21,298 Da
NCBI Official Full Name	ras protein, partial
NCBI Official Synonym Full Names	Harvey rat sarcoma viral oncogene homolog
NCBI Official Symbol	HRAS
NCBI Official Synonym Symbols	CTLO; HAMSV; HRAS1; K-RAS; N-RAS; RASH1; C-H-RAS; H-RASIDX; C-BAS/HAS; C-HA-RAS1
NCBI Protein Information	GTPase HRas; p21ras; H-Ras-1; p19 H-RasIDX protein; c-has/bas p21 protein; transforming protein p21; Ha-Ras1 proto-oncoprotein; c-ras-Ki-2 activated oncogene; GTP- and GDP-binding peptide B; transformation gene: oncogene HAMSV; Ras family small GTP bindin
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://www.aaabiotech.com/polyclonal/hras-antibody-immunofluorescence-western-blot-elisa/313286>