

Rabbit RAS Monoclonal Antibody | anti-RAS antibody

RAS Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA312443	Rabbit	Human, Mouse, Rat, Zebrafish	Immunoprecipitation, Immunofluorescence, Immunocytochemistry, Western Blot

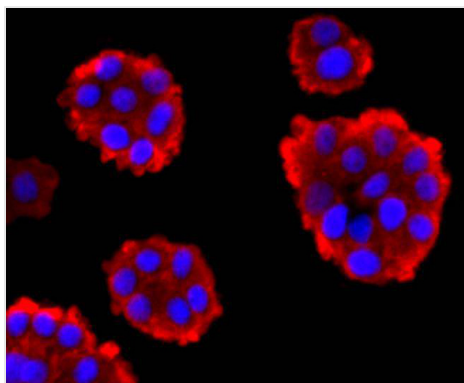
PRODUCT SYNONYMS

RAS; Monoclonal Antibody; RAS Antibody; C-BAS/HAS antibody; c-H-ras antibody; C-HA-RAS1 antibody; CTLO antibody; GTPase HRas antibody; GTPase KRas antibody; GTPase NRas antibody; H-Ras-1 antibody; H-RASIDX antibody; Ha-Ras antibody; HAMSV antibody; HRAS antibody; HRAS1 antibody; K RAS2A antibody; K RAS2B antibody; K RAS4A antibody; K RAS4B antibody; K-RAS antibody; KRAS antibody; KRAS1 antibody; KRAS2 antibody; N-RAS antibody; N-terminally processed antibody; NRAS antibody; NRAS1 antibody; p21ras antibody; RASH_HUMAN antibody; RASH1 antibody; RASK2 antibody; Transforming protein p21 antibody; v Ha ras Harvey rat sarcoma viral oncogene homolog antibody; v Ki ras2 Kirsten rat sarcoma viral oncogene homolog antibody; v ras neuroblastoma RAS viral oncogene homolog antibody; anti-RAS antibody

PRODUCT SPECIFICATIONS

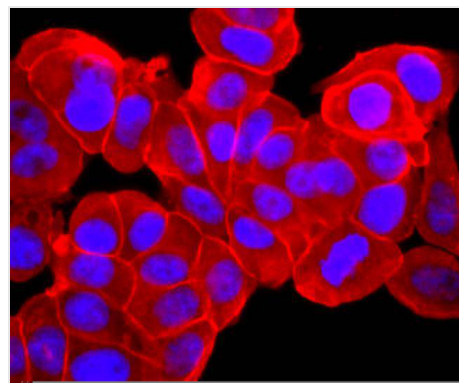
Host	Rabbit
Reactivity	Human, Mouse, Rat, Zebrafish
Clonality	Monoclonal
Clone Number	JF10-11
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-RAS antibody	IP (Immunoprecipitation), IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot)
Antibody Type	Recombinant Antibody
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



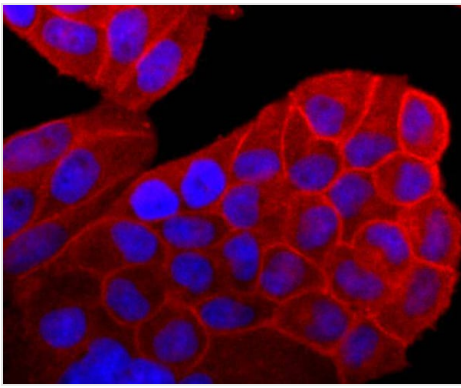
ICC (Immunocytochemistry)

ICC staining Ras in PC-12 cells (red). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



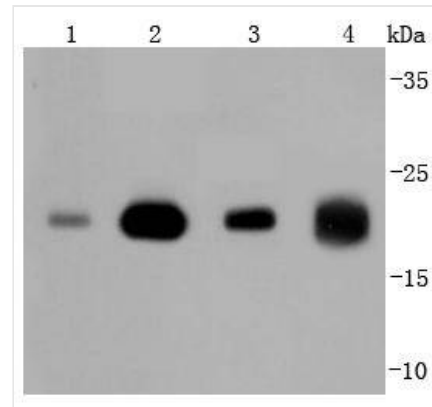
ICC (Immunocytochemistry)

ICC staining Ras in MCF-7 cells (red). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC (Immunocytochemistry)

ICC staining Ras in HeLa cells (red). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



WB (Western Blot)

Western blot analysis of Ras on different lysates using anti-Ras antibody at 1/1,000 dilution. Positive control: Lane 1: 293T Lane 2: MCF-7 Lane 3: HeLa Lane 4: zebrafish

ADDITIONAL INFORMATION

Related Product Information for anti-RAS antibody

The mammalian c-H-, c-K- and N-Ras proto-oncogenes encode guanine nucleotide-binding proteins that are ubiquitously expressed in vertebrate cells. c-H- and c-K-Ras are cellular homologs of the v-H and v-K-Ras sequences originally isolated from the Harvey and Kirsten strains of rat sarcoma virus. Ras-encoded proteins bind GDP and GTP with high affinity and possess a low level intrinsic GTPase activity that can be stimulated over 100-fold by interaction with cytosolic GTPase activating protein (GAP), a potential effector for Ras p21 function. Point mutations at amino acids 12, 13, 59 and 61 within domains responsible for GTP binding and hydrolysis activate Ras proteins to their oncogenic form and block the ability of the GTPase activity to be stimulated by GAP. Several additional proteins with GAP activity have been identified and shown to interact with p21 Ras or other members of the Ras gene family.

Product Categories/Family for anti-RAS antibody

Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505451
NCBI GeneID	4893
NCBI Accession #	NP_002515.1
NCBI GenBank Nucleotide #	NM_002524.4
UniProt Accession #	P01111; Q14971; Q15104; Q15282
Molecular Weight	21kDa
NCBI Official Full Name	GTPase NRas
NCBI Official Synonym Full Names	neuroblastoma RAS viral (v-ras) oncogene homolog
NCBI Official Symbol	NRAS
NCBI Official Synonym Symbols	NS6; ALPS4; N-ras; NRAS1
NCBI Protein Information	GTPase NRas; N-ras protein part 4; transforming protein N-Ras; v-ras neuroblastoma RAS viral oncogene homolog
UniProt Protein Name	GTPase NRas
UniProt Gene Name	NRAS
UniProt Synonym Gene Names	HRAS1
UniProt Entry Name	RASN_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/monoclonal/ras-antibody-clone-jf10-11-immunoprecipitation-immunofluorescence-immunocytochemistry-western-blot-elisa/312443>