

Rabbit RAS Monoclonal Antibody | anti-RAS antibody

RAS Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA312133	Rabbit	Human, Mouse, Rat, Zebrafish	Flow Cytometry, Functional Assay, Immunoprecipitation, Western Blot

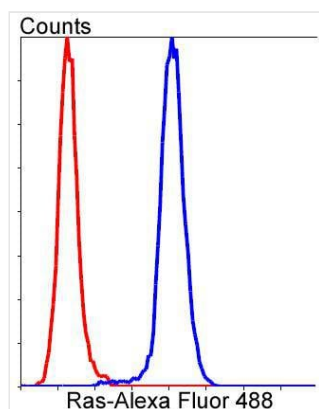
PRODUCT SYNONYMS

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

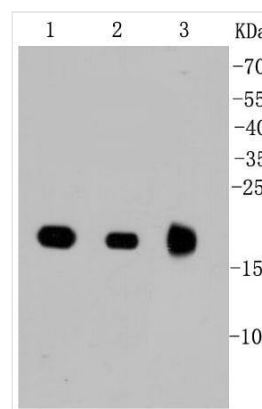
Host	Rabbit
Reactivity	Human, Mouse, Rat, Zebrafish
Clonality	Monoclonal
Clone Number	SA39-05
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-RAS antibody	FCM/FACS (Flow Cytometry), IP (Immunoprecipitation), WB (Western Blot)
Antibody Type	Recombinant Antibody
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



FCM/FACS (Flow Cytometry)

Flow cytometric analysis of Hela cells with Ras antibody at 1/50 dilution (blue) compared with an unlabelled control (cells without incubation with primary antibody; red). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody.



WB (Western Blot)

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

ADDITIONAL INFORMATION

Related Product Information for anti-RAS antibody	Ras superfamily is a protein superfamily of small GTPases, which are all related, to a degree, to the Ras protein subfamily (the key human members of which are KRAS, NRAS, and HRAS). Receptor tyrosine kinases and G protein-coupled receptors activate Ras, which then stimulates the Raf-MEK-MAPK pathway. GTPase-activating proteins (GAP) normally facilitate the inactivation of Ras. However, research studies have shown that in 30% of human tumors, point mutations in Ras prevent the GAP-mediated inhibition of this pathway. The most common oncogenic Ras mutation found in tumors is Gly12 to Asp12 (G12D), which prevents Ras inactivation, possibly by increasing the overall rigidity of the protein. This antibody is predicted to react with H-Ras, N-Ras and K-Ras.
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-sa39-05-flow-cytometry-immunoprecipitation-western-blot-elisa/312133>