

Rabbit NRAS Polyclonal Antibody | anti-NRAS antibody

NRAS Antibody (N-term)

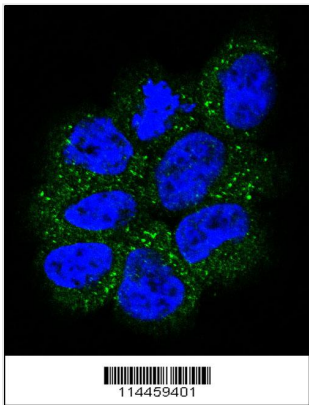
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289529	Rabbit	Human (Predicted Reactivity: Chicken, Mouse, Pig, Rat)	Immunofluorescence, Flow Cytometry, Functional Assay, ELISA, Western Blot

PRODUCT SYNONYMS

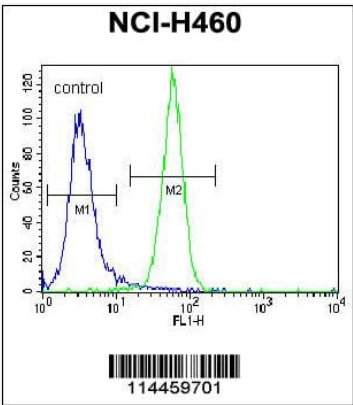
NRAS; Polyclonal Antibody; NRAS Antibody (N-term); GTPase NRas; Transforming protein N-Ras; HRAS1; anti-NRAS antibody

PRODUCT SPECIFICATIONS

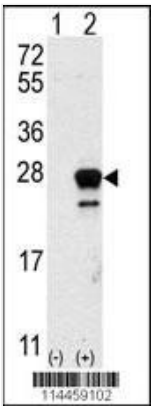
Host	Rabbit
Reactivity	Human (Predicted Reactivity: Chicken, Mouse, Pig, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This NRAS antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 72-101 amino acids from the N-terminal region of human NRAS.
Purity/Purification	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	72-101
Sequence Length	189
Applicable Applications for anti-NRAS antibody	IF (Immunofluorescence), FCM/FACS (Flow Cytometry), 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.



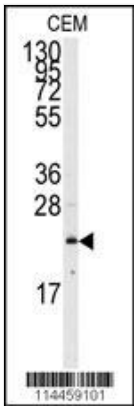
IF (Immunofluorescence)
Confocal immunofluorescent analysis of NRAS Antibody (N-term) with NCI-H460 cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green).DAPI was used to stain the cell nuclear (blue).



FCM/FACS (Flow Cytometry)
NRAS Antibody (N-term) flow cytometric analysis of NCI-H460 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



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



WB (Western Blot)
Western blot analysis of anti-NRAS Antibody (N-term) in CEM cell line lysates (35ug/lane). NRAS(arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-NRAS antibody	NRAS is a membrane protein that shuttles between the Golgi apparatus and the plasma membrane. This shuttling is regulated through palmitoylation and depalmitoylation by the ZDHHC9-GOLGA7 complex. This protein, which has intrinsic GTPase activity, is activated to a GTP-bound form by a GTPase activating protein and inactivated to a GDP-bound form by a guanine nucleotide-exchange factor. Defects in the gene encoding this protein are a cause of juvenile myelomonocytic leukemia (JMML).
Product Categories/Family for anti-NRAS antibody	Cancer; Signal Transduction
References	Smalley,K.S., Cancer Res. 68 (14), 5743-5752 (2008) Banerji,U., Mol. Cancer Ther. 7 (4), 737-739 (2008)

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	21229
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; CMNS; NCMS; ALPS4; N-ras; NRAS1
NCBI Protein Information	GTPase NRas
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/polyclonal/nras-antibody-immunofluorescence-flow-cytometry-western-blot-elisa/289529>