

Rabbit N-RAS Polyclonal Antibody | anti-NRAS antibody

N-RAS Antibody

CATALOG # AAA40792	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot, ELISA
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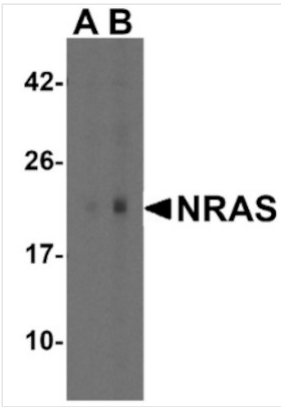
PRODUCT SYNONYMS

N-RAS; Polyclonal Antibody; N-RAS Antibody; NS6; ALPS4; N-ras; NRAS1; HRAS1; GTPase NRas; Transforming protein N-Ras; neuroblastoma RAS viral (v-ras) oncogene homolog; anti-NRAS antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	N-RAS antibody is predicted to not cross-react with H-RAS
Purity/Purification	N-RAS Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	189
Applicable Applications for anti-NRAS antibody	WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	N-RAS antibody was raised against a 15 amino acid peptide near the carboxy terminus of human N-RAS.
Buffer	N-RAS Antibody is supplied in PBS containing 0.02% sodium azide.
Homology	Predicted species reactivity based on immunogen sequence: Pig: (100%), Guinea pig: (93%), Chicken: (80%)
Preparation and Storage	Antibody can be stored at 4 degree C up to one year. Antibodies should not be exposed to prolonged high temperatures.

IMAGES



WB (Western Blot)
Western blot analysis of NRAS in A431 cell lysate with NRAS antibody at (A) 1 and (B) 2 μg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-NRAS antibody	N-RAS Antibody: Activating mutations and overexpression of classical Ras subfamily members (N-RAS, H-RAS, and K-RAS) have been widely investigated as key events in the development of human cancers. The N-RAS protein shuttles between the Golgi apparatus and the plasma membrane. This shuttling is regulated through palmitoylation and depalmitoylation by the ZDHHC9-GOLGA7 complex. N-RAS, which has intrinsic GTPase activity, is activated by a guanine nucleotide-exchange factor and inactivated by a GTPase activating protein. Mutations in this gene have been associated with somatic rectal cancer, follicular thyroid cancer, autoimmune lymphoproliferative syndrome, Noonan syndrome, and juvenile myelomonocytic leukemia.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4505451
NCBI GeneID	4893
NCBI Accession #	NP_002515
NCBI GenBank Nucleotide #	NM_002524.4
UniProt Accession #	P01111; Q14971; Q15104; Q15282
Molecular Weight	Predicted: 22 Observed: 22
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; 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/polyclonal/n-ras-antibody-western-blot-elisa/40792>