N/H/K-RAS Antibody – Polyclonal

PRODUCT OVERVIEW

Product Name	N/H/K-Ras, Polyclonal Antibody
Full Product Name	N/H/K-Ras Polyclonal Antibody
Product Gene Name	anti-N/H/K-Ras antibody
Clonality	Polyclonal
Molecular Weight	21,229 Da
OMIM	137550
3D Structure	ModBase 3D Structure for P01111
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for anti-N/H/K-Ras antibody	MBS8523941 is an antibody targeting N/H/K-Ras. Also known as N/H/K-Ras Polyclonal Antibody.
Other Notes	Small volumes of anti-N/H/K-Ras antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for N/H/K-Ras. It may not necessarily be applicable to this product.

NCBI GI #	4505451
NCBI GeneID	4893
NCBI Accession #	NP_002515.1
UniProt Primary Accession #	P01111
UniProt Secondary Accession #	Q14971; Q15104; Q15282
UniProt Related Accession #	P01111
GenBank Nucleotide #	NM_002524.4
NCBI Official Full Name	GTPase NRas
NCBI Official Synonym Full Names	NRAS proto-oncogene, GTPase
NCBI Official Symbol	NRAS
NCBI Official Synonym Symbols	NS6; CMNS; NCMS; ALPS4; N-ras; NRAS1
UniProt Protein Name	GTPase NRas
UniProt Synonym Protein Names	Transforming protein N-Ras
Protein Family	Negative RAS protein regulator protein
UniProt Gene Name	NRAS
UniProt Synonym Gene Names	HRAS1
NCBI Protein Information	GTPase NRas

NCBI Summary for N/H/K-Ras	This is an N-ras oncogene encoding 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. The encoded protein, 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. [provided by RefSeq, Jun 2011]
UniProt Comments for N/H/K-Ras	Ras proteins bind GDP/GTP and possess intrinsic GTPase activity.
Research Articles on N/H/K-Ras	**1.** NRAS-mutant tumors tended to behave more aggressively particularly in early stages of the disease in studied high-risk melanoma population.
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