



NRAS blocking peptide (CDBP5974)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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]
Conjugate	Unconjugated
Applications	Used as a blocking peptide in immunoblotting applications.
Format	Liquid
Concentration	200 µg/mL
Size	0.05 mg
Preservative	None
Storage	-20°C

GENE INFORMATION

Gene Name	NRAS neuroblastoma RAS viral (v-ras) oncogene homolog [Homo sapiens (human)]
Official Symbol	NRAS
Synonyms	NRAS; neuroblastoma RAS viral (v-ras) oncogene homolog; NS6; CMNS; NCMS; ALPS4; N-ras; NRAS1; GTPase NRas; N-ras protein part 4; transforming protein N-Ras; v-ras neuroblastoma RAS viral oncogene homolog

Entrez Gene ID	4893
mRNA Refseq	NM_002524
Protein Refseq	NP_002515
UniProt ID	P01111
Pathway	ARMS-mediated activation; Activation of RAS in B cells; Acute myeloid leukemia; Adaptive Immune System; Alcoholism; Axon guidance; B cell receptor signaling pathway; Bladder cancer
Function	GTP binding; protein complex binding