



Anti-NRAS (aa 90-189) polyclonal antibody (DPAB-DC2051)

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.
Immunogen	NRAS (AAH05219, 90 a.a. ~ 189 a.a) partial recombinant protein with GST tag. The sequence is FADINLYREQIKRVKDSDDVPMVLVGNKCDLPTRTVDTKQAHELA KSYGIPFIETSAKTR QGVEDA FYTLVREIRQYRMKKLNSSDDGTQGCMGLPCVV
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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
Protein Refseq	NP_002515
UniProt ID	P01111
Chromosome Location	1p13.2
Pathway	ARMS-mediated activation; Acute myeloid leukemia; Adaptive Immune System; Alcoholism
Function	GTP binding; protein complex binding;
