



Anti-NF1 (aa 2719-2818) polyclonal antibody (DPAB-DC2018)

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

PRODUCT INFORMATION

Antigen Description	This gene product appears to function as a negative regulator of the ras signal transduction pathway. Mutations in this gene have been linked to neurofibromatosis type 1, juvenile myelomonocytic leukemia and Watson syndrome. The mRNA for this gene is subject to RNA editing (CGA>UGA->Arg1306Term) resulting in premature translation termination. Alternatively spliced transcript variants encoding different isoforms have also been described for this gene.
Immunogen	NF1 (NP_000258, 2719 a.a. ~ 2818 a.a) partial recombinant protein with GST tag. The sequence is DTYLPGIDEETSEESLLTPTSPYPPALQSQLSITANLNLSNSMTSLATSQHSPGIDKENV ELSPTTGHCNSGRTRHGSASQVQKQRSAGSFKRNSIKKIV
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	NF1 neurofibromin 1 [Homo sapiens (human)]
Official Symbol	NF1
Synonyms	NF1; neurofibromin 1; WSS; NFNS; VRNF; neurofibromin; neurofibromatosis-related protein NF-1;
Entrez Gene ID	4763
Protein Refseq	NP_000258
UniProt ID	P21359
Chromosome Location	17q11.2
Pathway	ATF-2 transcription factor network; Integrated Breast Cancer Pathway; Ras signaling pathway; Syndecan-2-mediated signaling events
Function	Ras GTPase activator activity; phosphatidylcholine binding; phosphatidylethanolamine binding; protein binding