



Anti-IFNB1 (aa 102-187) polyclonal antibody (DPAB-DC1674)

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

PRODUCT INFORMATION

Antigen Description	IFNB1 (interferon, beta 1, fibroblast) is a protein-coding gene. Diseases associated with IFNB1 include oral erosive lichen, and cerebral primitive neuroectodermal tumor, and among its related super-pathways are Toll-like receptor signaling pathway and Immune response IFN alpha/beta signaling pathway. GO annotations related to this gene include interferon-alpha/beta receptor binding and transcription corepressor activity. An important paralog of this gene is IFNA7.
Immunogen	IFNB1 (NP_002167, 102 a.a. ~ 187 a.a) partial recombinant protein with GST tag. The sequence is ETIVENLLANVYHQINHLKTVLEEKLEKEDFTRGKLMSSLHLKRYYGRIHLHYLKAKEYSH CAWTIVRVEILRNIFYFINRLTGYLRLN
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	IFNB1 interferon, beta 1, fibroblast [Homo sapiens (human)]
Official Symbol	IFNB1
Synonyms	IFNB1; interferon, beta 1, fibroblast; IFB; IFF; IFNB; interferon beta; IFN-beta; fibroblast interferon;
Entrez Gene ID	3456
Protein Refseq	NP_002167
UniProt ID	P01574
Chromosome Location	9p21
Pathway	Cellular Senescence; Chagas disease (American trypanosomiasis); Cytokine Signaling in Immune system; Cytokine-cytokine receptor interaction
Function	cytokine activity; type I interferon receptor binding;