



Anti-IL1RN (full length) polyclonal antibody (DPAB-DC1693)

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

PRODUCT INFORMATION

Antigen Description	The protein encoded by this gene is a member of the interleukin 1 cytokine family. This protein inhibits the activities of interleukin 1, alpha (IL1A) and interleukin 1, beta (IL1B), and modulates a variety of interleukin 1 related immune and inflammatory responses. This gene and five other closely related cytokine genes form a gene cluster spanning approximately 400 kb on chromosome 2. A polymorphism of this gene is reported to be associated with increased risk of osteoporotic fractures and gastric cancer. Four alternatively spliced transcript variants encoding distinct isoforms have been reported.
Immunogen	IL1RN (AAH09745, 1 a.a. ~ 159 a.a) full-length recombinant protein with GST tag. The sequence is MALETICRPSGRKSSKMQAfriwDvNqKTFyLRnnQLVAGYLQGPNVNLEEKIDVVPIEP HALFLGIHGGKMCLSCVKSGDETRLQLEAVNITDLSenRKQDKRFAFIRSDSGPTTSFES AACPGWFLCTAMEADQPVSLTNMPDEGVMVTKFYFQEDE
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	IL1RN interleukin 1 receptor antagonist [Homo sapiens (human)]
Official Symbol	IL1RN
Synonyms	IL1RN; interleukin 1 receptor antagonist; DIRA; IRAP; IL1F3; IL1RA; MVCD4; IL-1RN; IL-1ra; IL-1ra3; ICIL-1RA; interleukin-1 receptor antagonist protein; IL1 inhibitor; IL1RN (IL1F3); type II interleukin-1 receptor antagonist; intracellular IL-1 receptor antagonist type II; intracellular interleukin-1 receptor antagonist (icIL-1ra);
Entrez Gene ID	3557
Protein Refseq	NP_000568
UniProt ID	P18510
Chromosome Location	2q14.2
Pathway	Cytokine Signaling in Immune system; IL1-mediated signaling events; Interleukin-1 signaling; SIDS Susceptibility Pathways
Function	interleukin-1 Type I receptor antagonist activity; interleukin-1 Type II receptor antagonist activity; interleukin-1 receptor antagonist activity; interleukin-1 receptor binding