



IL1RA rabbit pAb

Cat No.:ES20257

For research use only

Overview

Product Name	IL1RA rabbit pAb
Host species	Rabbit
Applications	WB; ELISA
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	WB 1:1000-2000 ELISA 1:5000-20000
Immunogen	Synthesized peptide derived from human IL1RA
Specificity	This antibody detects endogenous levels of Human IL1RA
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	IL1RA
Gene Name	IL1RN IL1F3 IL1RA
Cellular localization	[Isoform 1]: Secreted.; [Isoform 2]: Cytoplasm.; [Isoform 3]: Cytoplasm.; [Isoform 4]: Cytoplasm.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	
Human Gene ID	3557
Human Swiss-Prot Number	P18510
Alternative Names	Interleukin-1 receptor antagonist protein (IL-1RN;IL-1ra;IRAP;ICIL-1RA;IL1 inhibitor;Anakinra)
Background	disease:Genetic variation in IL1RN is associated with susceptibility to diabetic nephropathy [MIM:612628]; also called susceptibility to microvascular complications of diabetes type 4 (MVCD4). Diabetic nephropathy is a kidney disease and resultant kidney function impairment due to the long standing effects of diabetes on the microvasculature (glomerulus) of the kidney.





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Features include increased urine protein and declining kidney function.,function:Inhibits the activity of IL-1 by binding to its receptor. Has no IL-1 like activity.,online information:Interleukin-1 entry,online information:The Singapore human mutation and polymorphism database,pharmaceutical:Available under the name Kineret (Amgen). Used for the reduction in signs and symptoms and slowing the progression of structural damage in moderately to severely active rheumatoid arthritis.,similarity:Belongs to the IL-1 family.,tissue specificity:The intracellular form of IL1RN is predominantly expressed in epithelial cells.,



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