

IL1RA rabbit pAb

Catalog No :	YT7814
Reactivity :	Human;Rat;Mouse;
Applications :	WB;ELISA
Target :	IL1RA
Fields :	>>Cytokine-cytokine receptor interaction
Gene Name :	IL1RN IL1F3 IL1RA
Protein Name :	IL1RA
Human Gene Id :	3557
Human Swiss Prot No :	P18510
Mouse Gene Id :	16181
Mouse Swiss Prot No :	P25085
Rat Gene Id :	60582
Rat Swiss Prot No :	P25086
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.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:1000-2000 ELISA 1:5000-20000
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

Concentration : 1 mg/ml

Storage Stability : -15°C to -25°C/1 year(Do not lower than -25°C)

Molecularweight : 19kD

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. 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.,

Function : defense response, inflammatory response, immune response, response to wounding, response to endogenous stimulus, response to hormone stimulus, response to organic substance, response to corticosteroid stimulus,response to steroid hormone stimulus, response to glucocorticoid stimulus,

Subcellular Location : [Isoform 1]: Secreted.; [Isoform 2]: Cytoplasm.; [Isoform 3]: Cytoplasm.; [Isoform 4]: Cytoplasm.

Expression : The intracellular form of IL1RN is predominantly expressed in epithelial cells.

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