



# IL1RA rabbit pAb

<b>Catalog No</b>	BYab-12427
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Rat;Mouse;
<b>Applications</b>	WB; ELISA
<b>Gene Name</b>	IL1RN IL1F3 IL1RA
<b>Protein Name</b>	IL1RA
<b>Immunogen</b>	Synthesized peptide derived from human IL1RA
<b>Specificity</b>	This antibody detects endogenous levels of Human IL1RA
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
<b>Dilution</b>	WB 1:1000-2000 ELISA 1:5000-20000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	Interleukin-1 receptor antagonist protein (IL-1RN;IL-1ra;IRAP;ICIL-1RA;IL1 inhibitor;Anakinra)
<b>Observed Band</b>	
<b>Cell Pathway</b>	[Isoform 1]: Secreted.; [Isoform 2]: Cytoplasm.; [Isoform 3]: Cytoplasm.; [Isoform 4]: Cytoplasm.
<b>Tissue Specificity</b>	The intracellular form of IL1RN is predominantly expressed in epithelial cells.
<b>Function</b>	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,
<b>Background</b>	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

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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.,

**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

**Products Images**