

Product datasheet for **TA347865**

IL1 beta (IL1B) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1:500-1:2000
Reactivity:	Mouse, Rat, Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-Interleukin 1 β Antibody: A synthesized peptide derived from human Interleukin 1 β
Formulation:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 $^{\circ}$ C.Stable for 12 months from date of receipt
Concentration:	lot specific
Purification:	Immunogen affinity purified
Conjugation:	Unconjugated
Storage:	Store at -20 $^{\circ}$ C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	30 kDa
Gene Name:	interleukin 1 beta
Database Link:	NP_000567 Entrez Gene 16176 Mouse Entrez Gene 24494 Rat Entrez Gene 3553 Human P01584
Background:	IL-1 production is generally thought to be associated with inflammation, but it has also been shown to be expressed during kidney development, thymocyte differentiation and cartilage degradation. IL-1 plays a critical role in the regulation of immune response and inflammation, acting as an activator of T and B lymphocytes and natural killer (NK) cells.
Synonyms:	IL-1; IL1-BETA; IL1F2
Note:	Interleukin 1 β Antibody detects endogenous levels of total Interleukin 1 β

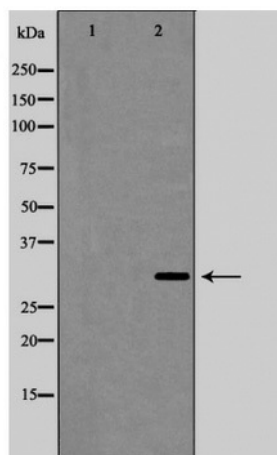


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Protein Families: Druggable Genome, Secreted Protein

Protein Pathways: Alzheimer's disease, Apoptosis, Cytokine-cytokine receptor interaction, Cytosolic DNA-sensing pathway, Graft-versus-host disease, Hematopoietic cell lineage, MAPK signaling pathway, NOD-like receptor signaling pathway, Prion diseases, Toll-like receptor signaling pathway, Type I diabetes mellitus

Product images:



Western blot analysis of IL-1 beta expression in HeLa cell lysate