



Rabbit Anti-Human IL1B Polyclonal Antibody (DPABH-06021)

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

PRODUCT INFORMATION

Product Overview	Rabbit Polyclonal to IL-1 β .
Specificity	This antibody detects endogenous levels of IL-1 β protein.
Target	IL-1 β
Immunogen	Synthesized peptide derived from human IL-1 β . (Internal)
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Purification	This antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Conjugate	Unconjugated
Applications	WB, IHC, ELISA
Molecular Weight	31 kDa
Format	Liquid
Concentration	Lot specific
Size	100 μ l, 200 μ l
Buffer	PBS containing 50% glycerol and 0.5% BSA

Preservative	0.02% Sodium Azide
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Storage	Store at -20°C, and avoid repeat freeze-thaw cycles.
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BACKGROUND

Introduction	The protein encoded by this gene is a member of the interleukin 1 cytokine family. This cytokine is produced by activated macrophages as a proprotein, which is proteolytically processed to its active form by caspase 1 (CASP1/ICE). This cytokine is an important mediator of the inflammatory response, and is involved in a variety of cellular activities, including cell proliferation, differentiation, and apoptosis. The induction of cyclooxygenase-2 (PTGS2/COX2) by this cytokine in the central nervous system (CNS) is found to contribute to inflammatory pain hypersensitivity. This gene and eight other interleukin 1 family genes form a cytokine gene cluster on chromosome 2.
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Keywords	IL1B;interleukin-1 beta;IL-1 beta;
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GENE INFORMATION

Entrez Gene ID	3553
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UniProt ID	P01584
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