



Rabbit Anti-Human IL1B Polyclonal antibody (DPABH-22623)

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

PRODUCT INFORMATION

Immunogen	IL1 beta fusion protein, sequence: MAEVPELASEMMAYSGNEDDLFFEADGPKQMCKCSFQDLDLCPLDGGIQLRISDHYSKG FRQAASVVVAMDCLRKMLVPCPQTFQENDLSTFFPFIFEEPIFFDTWDNEAYVHDAPVR SLNCTLRDSQQKSLVMSGPYELKALHLQGQDMEQQVVFMSFVQGEESNDKIPVALGLKE KNLYLSCVLKDDKPTLQLESVDPKNYPKKMEKRFVFNKIEINNKLEFESAQFPNWYIST SQAENMPVFLGGTKGGQDITDFTMQFVSS (1-269 aa encoded by BC008678)
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Antigen affinity purification
Conjugate	Unconjugated
Applications	WB, IHC, IF, ELISA
Positive Control	A431 cells, Transfected HEK-293 cells
Format	Liquid
Size	50 µl, 100 µl
Buffer	PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Preservative	0.02% Sodium Azide
Storage	Store at -20°C. Aliquoting is unnecessary for -20°C storage.

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.

Keywords

IL1B; interleukin 1, beta; IL-1; IL1F2; IL1-BETA; interleukin-1 beta; IL-1 beta; catabolin; preinterleukin 1 beta; pro-interleukin-1-beta;

GENE INFORMATION

Entrez Gene ID

[3553](#)

UniProt ID

[P01584](#)