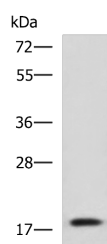


IL1B Polyclonal Antibody

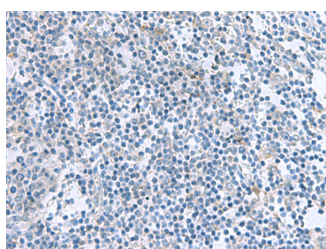
Catalog No.	E-AB-52153	Reactivity	H
Storage	Store at -20°C. Avoid freeze / thaw cycles.	Host	Rabbit
Applications	WB,IHC,ELISA	Isotype	IgG

Note: Centrifuge before opening to ensure complete recovery of vial contents.

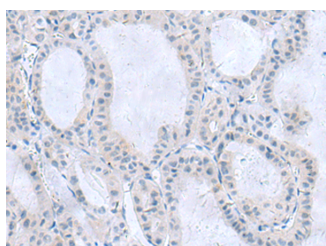
Images



Western blot analysis of Human fetal liver tissue lysate using IL1B Polyclonal Antibody at dilution of 1:800



Immunohistochemistry of paraffin-embedded Human tonsil tissue using IL1B Polyclonal Antibody at dilution of 1:55(x200)



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using IL1B Polyclonal Antibody at dilution of 1:55(x200)

Immunogen Information

Immunogen	Fusion protein of human IL1B
Gene Accession	BC008678
Swissprot	P01584
Synonyms	Catabolin,H1,IL 1,IL 1 beta,IL-1 beta,IL1 BETA,IL1B,IL1B,IL1F2,Interleukin 1 beta,Interleukin-1 beta,OAF

Product Information

Calculated MW	31 kDa
Observed MW	Refer to figures
Buffer	PBS with 0.05% NaN ₃ and 40% Glycerol,pH7.4
Purify	Antigen affinity purification
Dilution	WB 1:1000-1:5000, IHC 1:50-1:100, ELISA 1:5000-1:10000

Background

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 (CASPI/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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Applications:WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.