

Catalog #: 52425

Aliases

IL1B; Interleukin 1 Beta; IL1F2; IL1-BETA; Interleukin-1 Beta; IL-1 Beta; Catabolin; IL-1B; Pro-Interleukin-1-Beta; Preinterleukin 1 Beta; Interleukin 1beta; IL1beta; IL-1

Background

Gene Name: IL1B

NCBI Gene Entry: [3553](#)

UniProt Entry: [P01584](#)

Application Information

Molecular Weight: Predicted, 31 kDa; observed, 30 kDa

Clonality: Rabbit polyclonal antibody

Species Reactivity: Human, mouse, rat, rabbit

Applications Tested: Western blotting (WB), immunohistochemistry (IHC), immunocytochemistry (IC)

Immunogen

A synthesized peptide derived from human IL-1 Beta

Isotype

Rabbit IgG

Storage Buffer

Supplied in 0.01M TBS (pH7.4) containing 50% glycerol, 1% BSA and 0.02% Proclin300.

Storage

Store at -20 °C for one year.

Recommended Dilutions

Western Blotting (WB): 1:500-1:2,000

Immunohistochemistry (IHC): 1:100-1:500

Immunocytochemistry (IC): 1:100-1:500

Note: This product is for research use only.

Validation Data

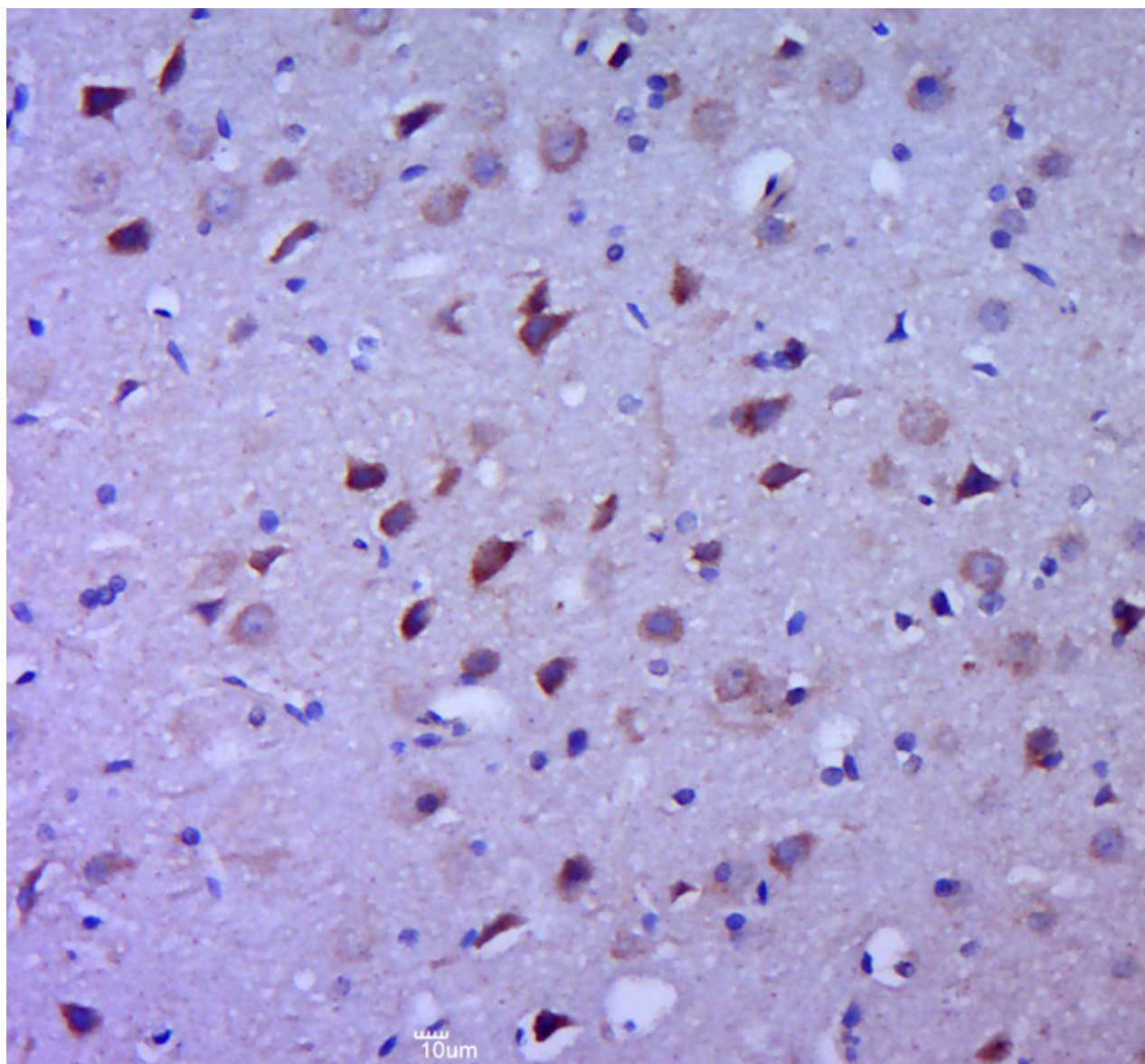
SUPPORT

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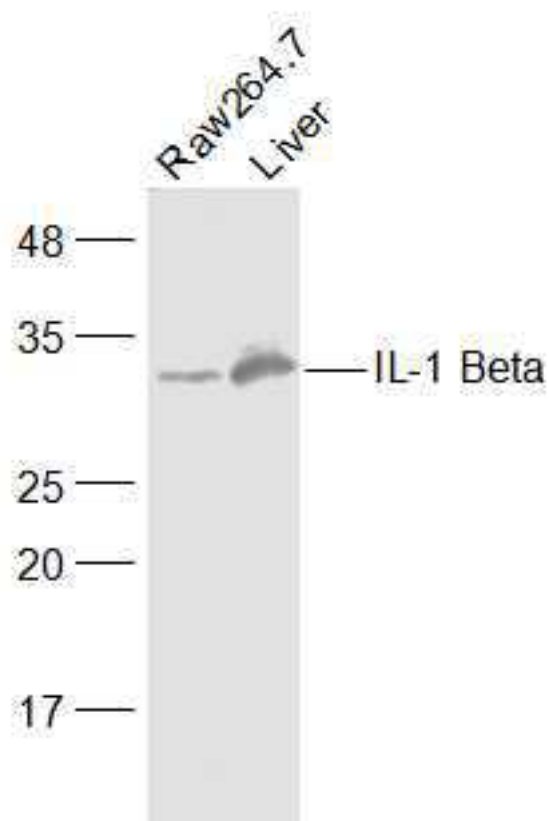
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Paraformaldehyde-fixed, paraffin embedded; Rat brain tissue was stained with anti-IL1B antibody.



Western blotting analysis using anti-IL1B antibody (Cat#52425). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-IL1B antibody (Cat#52425, 1:300) and IRDye800CW Goat Anti-Rabbit IgG (1:20,000) respectively.

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