



Datasheet for ABIN2854423  
**anti-IL12RB2 antibody**



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1 Image

Overview

Quantity:	100 µL
Target:	IL12RB2
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IL12RB2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human IL12 Receptor beta2. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Rabbit polyclonal antibody to IL-12 Receptor beta2 (interleukin 12 receptor, beta 2) IL-12 Receptor beta2 antibody [N3C2], Internal
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	IL12RB2
Alternative Name:	interleukin 12 receptor subunit beta 2 ( <a href="#">IL12RB2 Products</a> )

## Target Details

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**Background:** The protein encoded by this gene is a type I transmembrane protein identified as a subunit of the interleukin 12 receptor complex. The coexpression of this and IL12RB1 proteins was shown to lead to the formation of high-affinity IL12 binding sites and reconstitution of IL12 dependent signaling. The expression of this gene is up-regulated by interferon gamma in Th1 cells, and plays a role in Th1 cell differentiation. The up-regulation of this gene is found to be associated with a number of infectious diseases, such as Crohn's disease and leprosy, which is thought to contribute to the inflammatory response and host defense.

Cellular Localization: Membrane, Single-pass type I membrane protein

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**Molecular Weight:** 97 kDa

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**Gene ID:** 3595

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**UniProt:** [Q99665](#)

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**Pathways:** [JAK-STAT Signaling](#)

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## Application Details

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**Application Notes:** WB: 1:1000-1:10000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.

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**Comment:** Positive Control: A431 , HepG2

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**Restrictions:** For Research Use only

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## Handling

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**Format:** Liquid

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**Concentration:** 1 mg/mL

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**Buffer:** 0.1M Tris-Glycine ( pH 7), 10 % Glycerol, 0.01 % Thimerosal

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**Preservative:** Thimerosal (Merthiolate)

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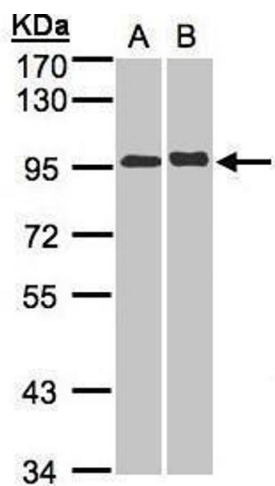
**Precaution of Use:** This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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**Storage:** 4 °C, -20 °C

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**Storage Comment:** Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.



### Western Blotting

**Image 1.** WB Image Sample(30 ug whole cell lysate) A:A431,  
B: Hep G2 , 7.5% SDS PAGE antibody diluted at 1:5000