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Anti-IL-36RN Antibody

Catalog Number: A03455-1

About IL36RN

IL-36RN is is a member of the interleukin 1 cytokine family whose gene and eight other interleukin 1 family genes form a cytokine gene cluster on chromosome 2 (1). IL-36RN specifically inhibits the activation of NF-kappaB induced IL-36A (2). The opposing activities of these cytokines have been suggested to be involved in the regulation of skin inflammation (3). Like the IL-36 cytokines (IL-36A, IL-36B and IL-36G), IL-36RN requires post-translational processing for full agonist activity, but the cleavage mechanism is currently unknown (4).

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Overview

Product Name	Anti-IL-36RN Antibody
Reactive Species	Human, Mouse
Description	Boster Bio Anti-IL-36RN Antibody (Catalog # A03455-1). Tested in ELISA, WB, IHC-P, IF applications. This antibody reacts with Human, Mouse.
Application	ELISA, IF, IHC-P, WB
Clonality	Polyclonal
Formulation	IL-36RN antibody is supplied in PBS containing ≤0.09% sodium azide.
Storage Instructions	Antibody can be stored at 4°C up to one year. Antibodies should not be exposed to prolonged high temperatures.
Host	Rabbit
Uniprot ID	Q9UBH0

Technical Details

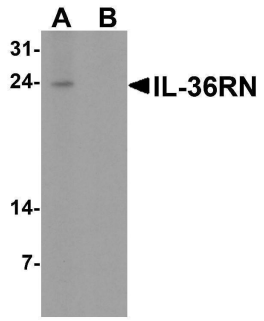
Immunogen	IL-36RN antibody was raised against a 19 amino acid peptide near the carboxy terminus of human IL-36RN. The immunogen is located within the last 50 amino acids of IL-36RN.
Predicted Reactive Species	Rat
Cross Reactivity	IL-36RN antibody is human and mouse reactive. At least two isoforms of IL-36RN are known to exist

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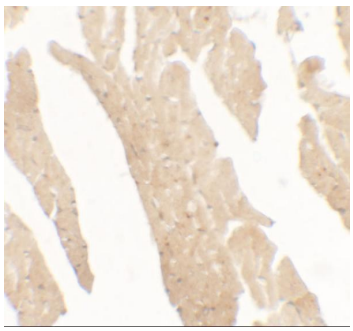
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	IL-36RN antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	IL-36RN antibody can be used for detection of IL-36RN by Western blot at 1 ug/ml. Antibody validated: Western Blot in human samples; Immunohistochemistry in rat samples and Immunofluorescence in rat samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

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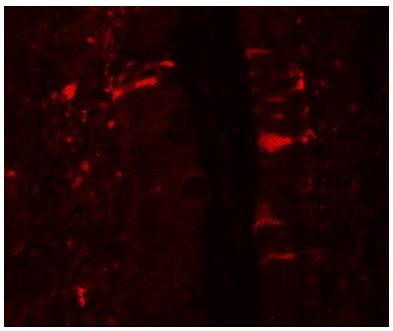
Anti-IL-36RN Antibody (A03455-1) Images



Western blot analysis of IL-36RN in human spleen tissue lysate with IL-36RN antibody at 1 ug/ml in (A) the absence and (B) the presence of blocking peptide.



Immunohistochemistry of IL-36RN in rat small intestine tissue with IL-36RN antibody at 5 ug/mL.



Immunofluorescence of IL-36RN in rat small intestine tissue with IL-36RN antibody at 20 ug/mL.

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