

Rabbit anti-Human IL36RN/IL-1F5 Polyclonal Antibody | anti-IL36RN antibody

Anti-IL36RN/IL-1F5 Antibody, Rabbit Polyclonal

CATALOG # AAA257022	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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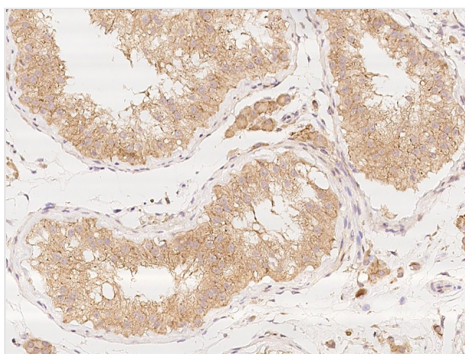
PRODUCT SYNONYMS

IL36RN/IL-1F5; Polyclonal Antibody; Anti-IL36RN/IL-1F5 Antibody; Rabbit Polyclonal; IL36RN/IL-1F5 Antibody; Rabbit PAb; Antigen Affinity Purified; interleukin 36 receptor antagonist; Anti-FIL1 Antibody; Anti-FIL1(DELTA) Antibody; Anti-FIL1D Antibody; Anti-IL-36Ra Antibody; Anti-IL1F5 Antibody; Anti-IL1HY1 Antibody; Anti-IL1L1 Antibody; Anti-IL1RP3 Antibody; Anti-IL36RA Antibody; Anti-IL36RN Antibody; Anti-PSORP Antibody; Anti-PSORS14 Antibody; anti-IL36RN antibody

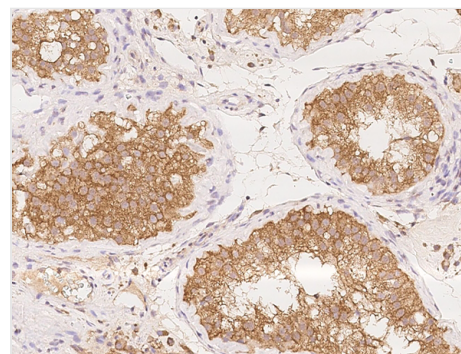
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human IL36RN/IL-1F5
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-IL36RN antibody	IHC (Immunohistochemistry)
Immunogen	E Coli-derived Human IL36RN/IL-1F5 fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human IL36RN/IL-1F5 fragment, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.

IMAGES


IHC (Immunohistochemistry)

Immunochemical staining of human IL36RN in human testis with rabbit polyclonal antibody at 1:500 dilution, formalin-fixed paraffin embedded sections.


IHC (Immunohistochemistry)

Immunochemical staining of human IL36RN in human testis with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti-IL36RN antibody	Interleukin-1 family member 5 (IL-1F5), also known as interleukin 36 receptor antagonist (IL36RA), is a member of the interleukin 1 cytokine family. This cytokine was shown to specifically inhibit the activation of NF-kappaB induced by interleukin 1 family, member 6 (IL1F6). IL-1F5 is a highly and specific antagonist of the IL-1 receptor-related protein 2-mediated response to interleukin 1 family member 9 (IL1F9). IL-1F5 could constitute part of an independent signaling system analogous to interleukin-1 alpha (IL-1A), beta (IL-1B) receptor agonist, and interleukin-1 receptor type I (IL-1R1), which is present in epithelial barriers and takes part in the local inflammatory response. It has been proved that IL-1F5 induces IL-4 mRNA and protein expression in glia in vitro and enhances hippocampal expression of IL-4 following intracerebroventricular injection. The inhibitory effect of IL-1F5 on LPS-induced IL-1beta is attenuated in cells from IL-4-defective mice. Experiment results suggest that IL-1F5 mediates anti-inflammatory effects through its ability to induce IL-4 production and that this is a consequence of its interaction with the orphan receptor, single Ig IL-1R-related molecule (SIGIRR)/TIR8, as the effects were not observed in SIGIRR-/-mice. In contrast to its effects in brain tissue, IL-1F5 did not attenuate LPS-induced changes, or up-regulated IL-4 in macrophages or dendritic cells, suggesting that the effect is confined to the brain.
Product Categories/Family for anti-IL36RN antibody	IL1 signaling pathway
References	Nicklin MJ, et al. (1994) A physical map of the region encompassing the human interleukin-1 alpha, interleukin-1 beta, and interleukin-1 receptor antagonist genes. Genomics. 19 (2): 382-4. Debets R, et al. (2001) Two novel IL-1 family members, IL-1 delta and IL-1 epsilon, function as an antagonist and agonist of NF-kappa B activation through the orphan IL-1 receptor-related protein 2. J Immunol. 167 (3): 1440-6. Costelloe C, et al. (2008) IL-1F5 mediates anti-inflammatory activity in the brain through induction of IL-4 following interaction with SIGIRR/TIR8. J Neurochem. 105(5): 1960-9.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/il36rn-il-1f5-antibody-immunohistochemistry-elisa/257022>