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Datasheet for ABIN6991917 **anti-IL1F9 antibody (C-Term)**

Overview

Quantity:	0.1 mg
Target:	IL1F9
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IL1F9 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF)

Product Details

Immunogen:	IL-36G antibody was raised against a 13 amino acid peptide near the carboxy terminus of human IL-36G. The immunogen is located within the last 50 amino acids of IL-36G.
Isotype:	IgG
Specificity:	IL-36G antibody is human specific. IL-36G antibody will not cross-react with IL-36A or IL-36B.
Purification:	IL-36G antibody is affinity chromatography purified via peptide column.

Target Details

Target:	IL1F9
Alternative Name:	IL-36G (IL1F9 Products)

Target Details

Background: IL-36G 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-36G is thought to activate the NF-kappaB pathway through IL-1 receptor family members IL-1RL2 and IL-1RAcP (2). Like the related proteins IL-36A and IL-36B, IL-36G requires post-translational processing for full agonist activity, but the cleavage mechanism is currently unknown (3). IL-36G expression is stimulated by interferon-gamma, tumor necrosis factor-alpha and interleukin 1 (4). The IL-36 cytokines have been suggested to amplify Th1 responses by enhancing proliferation and Th1 polarization of naive CD4+ T cells (5).

Molecular Weight: Predicted: 19 kDa

Observed: 22 kDa

Gene ID: 56300

NCBI Accession: [NP_062564](#)

UniProt: [Q9NZH8](#)

Application Details

Application Notes: IL-36G antibody can be used for detection of IL-36G by Western blot at 1 - 2 µg/mL.

Antibody validated: Western Blot in human samples, Immunohistochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: IL-36G antibody is supplied in PBS containing 0.02 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, 4 °C

Storage Comment: IL-36G antibody can be stored at 4°C for three months and -20°C, stable for up to one year.