

Datasheet for ABIN6991915
anti-IL36A/IL1F6 antibody (C-Term)



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Overview

Quantity:	0.1 mg
Target:	IL36A/IL1F6 (IL1F6)
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IL36A/IL1F6 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	IL-36A antibody was raised against an 11 amino acid peptide near the carboxy terminus of human IL-36A. The immunogen is located within the last 50 amino acids of IL-36A.
Isotype:	IgG
Specificity:	IL-36A antibody is human specific. IL-36A antibody will not cross-react with IL-36B or IL-36G.
Purification:	IL-36A antibody is affinity chromatography purified via peptide column.

Target Details

Target:	IL36A/IL1F6 (IL1F6)
Alternative Name:	IL-36A (IL1F6 Products)

Target Details

Background:	IL-36A 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-36A 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-36B and IL-36G, IL-36A requires post-translational processing for full agonist activity, but the cleavage mechanism is currently unknown (3). The IL-36 cytokines have been suggested to amplify Th1 responses by enhancing proliferation and Th1 polarization of naive CD4+ T cells (4).
Molecular Weight:	Predicted: 17 kDa Observed: 16 kDa
Gene ID:	27179
NCBI Accession:	NP_055255
UniProt:	Q9UHA7
Pathways:	Cancer Immune Checkpoints

Application Details

Application Notes:	IL-36A antibody can be used for detection of IL-36A 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-36A 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-36A antibody can be stored at 4°C for three months and -20°C, stable for up to one year.