

Rabbit anti-Human IL-36G Polyclonal Antibody | anti-IL36G antibody

IL-36G Antibody

CATALOG # AAA40676	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunofluorescence, Immunohistochemistry, Western Blot, ELISA
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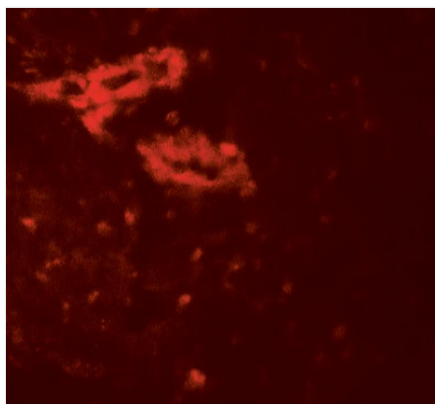
PRODUCT SYNONYMS

IL-36G; Polyclonal Antibody; IL-36G Antibody; IL1E; IL1F9; IL1H1; IL-1F9; IL-1H1; IL1RP2; IL-1RP2; UNQ2456/PRO5737; Interleukin-36 gamma; IL-1-related protein 2; interleukin 36; gamma; anti-IL36G antibody

PRODUCT SPECIFICATIONS

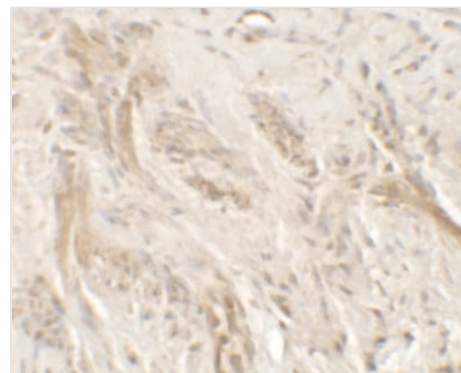
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	IL-36G antibody is human specific. IL-36G antibody will not cross-react with IL-36A or IL-36B.
Purity/Purification	Affinity chromatography purified via peptide column.
Form/Format	Liquid ; IL-36G antibody is supplied in PBS containing 0.02% sodium azide.
Concentration	1 mg/mL (varies by lot)
Sequence Length	169
Applicable Applications for anti-IL36G antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
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.
Preparation and Storage	IL-36G antibody can be stored at 4°C for three months and -20°C, stable for up to one year.

IMAGES



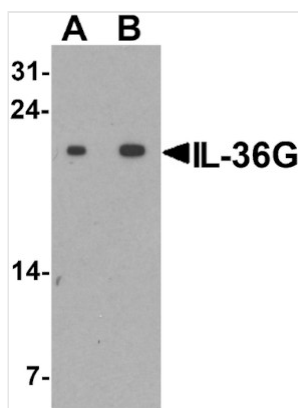
IF (Immunofluorescence)

Immunofluorescence of IL-36G in human bladder tissue with IL-36G antibody at 20 µg/mL.



IHC (Immunohistochemistry)

Immunohistochemistry of IL-36G in human bladder tissue with IL-36G antibody at 5 µg/mL.



WB (Western Blot)

Western blot analysis of IL-36G in human spleen tissue lysate with IL-36G antibody at (A) 1 and (B) 2 μg/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-IL36G antibody

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).

NCBI AND UNIPROT INFORMATION

NCBI GI #	9665234
NCBI GeneID	56300
NCBI Accession #	NP_062564
NCBI GenBank Nucleotide #	NM_019618.3
UniProt Accession #	Q9NZH8; Q56B91; Q6UVX7; Q7RTZ9
Molecular Weight	Predicted: 19 kDa Observed: 22 kDa
NCBI Official Full Name	interleukin-36 gamma isoform 1
NCBI Official Synonym Full Names	interleukin 36, gamma
NCBI Official Symbol	IL36G
NCBI Official Synonym Symbols	IL1E; IL1F9; IL1H1; IL-1F9; IL-1H1; IL1RP2; IL-1RP2
NCBI Protein Information	interleukin-36 gamma; IL-1 epsilon; IL-1-epsilon; IL-1(EPSILON); interleukin-1 epsilon; IL-1 related protein 2; IL-1-related protein 2; interleukin-1 homolog 1; interleukin-1 family member 9; interleukin 1 family, member 9; interleukin 1-related protein 2
UniProt Protein Name	Interleukin-36 gamma
UniProt Gene Name	IL36G
UniProt Synonym Gene Names	IL1E; IL1F9; IL1H1; IL1RP2; IL-1RP2; IL-1 epsilon; IL-1F9; IL-1H1
UniProt Entry Name	IL36G_HUMAN

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.

