

Rabbit anti-Human IL36G Polyclonal Antibody | anti-IL36G antibody

IL36G Antibody

CATALOG # AAA231687	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA
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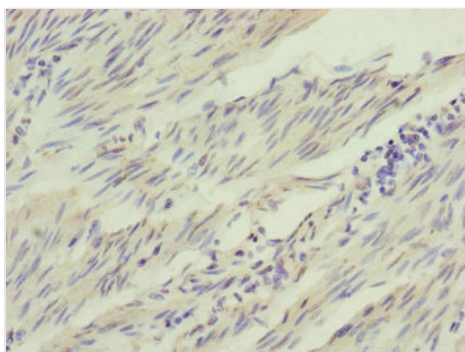
PRODUCT SYNONYMS

IL36G; Polyclonal Antibody; IL36G Antibody; Interleukin-36 gamma; IL-1-related protein 2; IL-1RP2; Interleukin-1 epsilon; IL-1 epsilon; Interleukin-1 family member 9; IL-1F9; Interleukin-1 homolog 1; IL-1H1; IL1E; IL1F9; IL1H1; IL1RP2; UNQ2456/PRO5737; anti-IL36G antibody

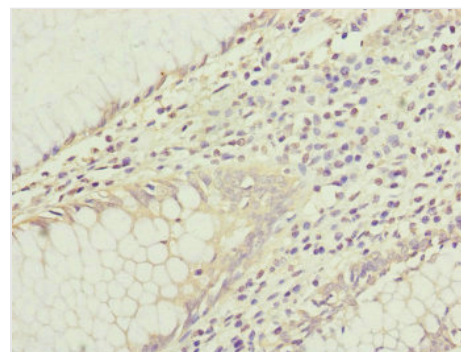
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid
Sequence Length	134
Applicable Applications for anti-IL36G antibody	IHC (Immunohistochemistry), ELISA
Species	Human
Immunogen	Recombinant human Interleukin-36 gamma protein (1-169AA)
Conjugate	Non-conjugated
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-168161
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human bladder cancer using AAA231687 at dilution of 1:100



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human colon cancer using AAA231687 at dilution of 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-IL36G antibody	Cytokine that binds to and signals through the IL1RL2/IL-36R receptor which in turn activates NF-kappa-B and MAPK signaling pathways in target cells. Part of the IL-36 signaling system that is thought to be present in epithelial barriers and to take part in local inflammatory response; similar to the IL-1 system with which it shares the coreceptor IL1RAP. Seems to be involved in skin inflammatory response by acting on keratinocytes, dendritic cells and indirectly on T-cells to drive tissue infiltration, cell maturation and cell proliferation. In cultured keratinocytes induces the expression of macrophage, T-cell, and neutrophil chemokines, such as CCL3, CCL4, CCL5, CCL2, CCL17, CCL22, CL20, CCL5, CCL2, CCL17, CCL22, CXCL8, CCL20 and CXCL1; also stimulates its own expression and that of the prototypic cutaneous proinflammatory parameters TNF-alpha, S100A7/psoriasin and inducible NOS. May play a role in proinflammatory responses during particular neutrophilic airway inflammation: activates mitogen-activated protein kinases and NF-kappa B in primary lung fibroblasts, and stimulates the expression of IL-8 and CXCL3 and Th17 chemokine CCL20 in lung fibroblasts. May be involved in the innate immune response to fungal pathogens, such as Aspergillus fumigatus.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	514388113
NCBI GeneID	56300
NCBI Accession #	NP_001265497.1
NCBI GenBank Nucleotide #	NM_001278568.1
UniProt Accession #	Q9NZH8; Q56B91; Q6UVX7; Q7RTZ9
Molecular Weight	14,928 Da
NCBI Official Full Name	interleukin-36 gamma isoform 2
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
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.