



Rabbit Anti-IL36 gamma antibody

SL18152R

Product Name:	IL36 gamma
Chinese Name:	白细胞介素36 γ 抗体
Alias:	IL 1 epsilon; IL 1 related protein 2; IL 1(EPSILON); IL 1F9; IL 1H1; IL 1RP2; IL-1 epsilon; IL-1-related protein 2; IL-1F9; IL-1H1; IL-1RP2; IL1E; I1f9; IL1F9_HUMAN; IL1H1; IL1RP2; IL36G; Interleukin 1 epsilon; Interleukin 1 family member 9; Interleukin 1 homolog 1; Interleukin 1 related protein 2; Interleukin 36 gamma; Interleukin-1 epsilon; Interleukin-1 family member 9; Interleukin-1 homolog 1.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	17kDa
Cellular localization:	Secretory protein
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human IL36 gamma:1-100/169
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	The protein encoded by this gene is a member of the interleukin 1 cytokine family. The activity of this cytokine is mediated by interleukin 1 receptor-like 2 (IL1RL2/IL1R-

rp2), and is specifically inhibited by interleukin 1 family, member 5 (IL1F5/IL-1 delta). Interferon-gamma, tumor necrosis factor-alpha and interleukin 1, beta (IL1B) are reported to stimulate the expression of this cytokine in keratinocytes. The expression of this cytokine in keratinocytes can also be induced by a contact hypersensitivity reaction or herpes simplex virus infection. This gene and eight other interleukin 1 family genes form a cytokine gene cluster on chromosome 2. Two alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jun 2013]

Function:

Function as an agonist of NF-kappa B activation through the orphan IL-1-receptor-related protein 2. 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), that is present in epithelial barriers and takes part in local inflammatory response.

Subcellular Location:

Secreted.

Tissue Specificity:

Highly expressed in tissues containing epithelial cells: skin, lung, stomach and esophagus. In skin is expressed only in keratinocytes but not in fibroblasts, endothelial cells or melanocytes. Up-regulated in lesional psoriasis skin.

Similarity:

Belongs to the IL-1 family.

SWISS:

Q9NZH8

Gene ID:

56300

Database links:

[Entrez Gene: 56300](#) Human

[Omim: 605542](#) Human

[SwissProt: Q9NZH8](#) Human

[Unigene: 211238](#) Human

Important Note:

This product as supplied is intended for research use only, not for use in human,

	therapeutic or diagnostic applications.
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