

Datasheet for ABIN2790548
anti-IL1F9 antibody (Middle Region)



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1 Image

Overview

Quantity:	100 µL
Target:	IL1F9
Binding Specificity:	Middle Region
Reactivity:	Human, Horse, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IL1F9 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of Human IL36G
Sequence:	ITCKYPEALE QGRGDPIYLG IQNPEMCLYC EKVGEQPTLQ LKEQKIMDLY
Predicted Reactivity:	Horse: 79%, Human: 100%, Rabbit: 79%
Characteristics:	This is a rabbit polyclonal antibody against IL36G. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	IL1F9
Alternative Name:	IL36G (IL1F9 Products)
Background:	The protein encoded by this gene is a member of the interleukin 1 cytokine family. The activity

Target Details

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.

Alias Symbols: IL-1F9, IL-1H1, IL-1RP2, IL1E, IL1F9, IL1H1, IL1RP2

Protein Size: 169

Molecular Weight: 19 kDa

Gene ID: 56300

NCBI Accession: [NM_019618](#), [NP_062564](#)

UniProt: [Q9NZH8](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 169 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

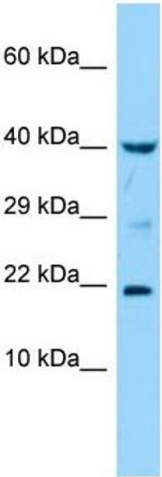
Preservative: Sodium azide

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

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -20 °C

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



Western Blotting

Image 1. Host: Rabbit Target Name: IL36G Sample Type: THP-1 Whole Cell lysates Antibody Dilution: 1.0ug/ml