Datasheet for ABIN872372

anti-NLRP12 antibody (AA 176-270)

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Overview

Quantity:	100 µL
Target:	NLRP12
Binding Specificity:	AA 176-270
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NLRP12 antibody is un-conjugated
Application:	ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human NALP12
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Predicted Reactivity:	Mouse,Dog,Cow,Sheep,Pig,Horse,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	NLRP12

Target Details

Alternative Name:	NALP12 (NLRP12 Products)
Background:	Synonyms: CLR19.3, FCAS2, Monarch 1, Monarch-1, NACHT, leucine rich repeat and PYD containing 12, NACHT, LRR and PYD containing protein 12, NACHT, LRR and PYD domains-containing protein 12, NAL12_HUMAN, NLR family, pyrin domain containing 12, NLRP12, Nucleotide-binding oligomerization domain, leucine rich repeat and pyrin domain containing 12, PAN6, PYPAF7, PYRIN containing APAF1 like protein 7, PYRIN-containing APAF1-like protein 7, Regulated by nitric oxide, RNO, RNO2. Background: May mediate activation of CASP1 via ASC and promote activation of NF-kappa-B via IKK.NALP proteins are cytoplasmic proteins that form a subfamily within the larger CATERPILLER family and are thought to play a crucial role in cell proliferation and reproduction. Like all other NALP family members, NALP12, also known as Monarch-1, has a C-terminal leucine-rich repeat (LRR) region, an N-terminal Pyrin domain (PYD) followed by a NACHT domain, and a NACHT-associated domain. NALP12 is thought to act as an attenuating factor of inflammation by suppressing inflammatory responses such as NF-kB activation by TLR-signaling molecules MyD88, IRAK-1, TRAF6 and RIPK1 in activated monocytes. Recent evidence suggests that mutations in NALP12 result in hereditary periodic fever syndromes.
Gene ID:	91662
Pathways:	Positive Regulation of Endopeptidase Activity, Inflammasome

Application Details

Application Notes:	ELISA 1:500-1000
	IHC-P 1:200-400
	IHC-F 1:100-500
	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200

Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 μg/μL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

Handling

Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months