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Datasheet for ABIN873327
anti-NLRP1 antibody (AA 301-400)

Overview

| | |
|----------------------|---|
| Quantity: | 100 µL |
| Target: | NLRP1 |
| Binding Specificity: | AA 301-400 |
| Reactivity: | Human, Mouse |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This NLRP1 antibody is un-conjugated |
| Application: | Western Blotting (WB), 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 CARD7/NALP1 |
| Isotype: | IgG |
| Cross-Reactivity: | Human, Mouse |
| Predicted Reactivity: | Rat |
| Purification: | Purified by Protein A. |

Target Details

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|---------|-------|
| Target: | NLRP1 |
|---------|-------|

Target Details

Alternative Name: [CARD7 \(NLRP1 Products\)](#)

Background: Synonyms: LRR and PYD domains-containing protein 1, CARD 7, CARD7, Caspase recruitment domain protein 7, Caspase recruitment domain-containing protein 7, CLR17.1, Death effector filament forming Ced 4 like apoptosis protein, Death effector filament-forming ced-4-like apoptosis protein, DEFCAP, DEFCAP L/S, NAC alpha/beta/gamma/delta, NAC, NACHT, NACHT leucine rich repeat and PYD containing 1, NACHT leucine rich repeat and PYD pyrin domain containing 1, NACHT leucine rich repeat and pyrin domain containing 1, NACHT LRR and PYD containing protein 1, NALP 1, NALP1, NALP1_HUMAN, NLR family pyrin domain containing 1, NLRP 1, NLRP1, NLRP1 protein, Nucleotide binding domain and caspase recruitment domain, Nucleotide binding oligomerization domain leucine rich repeat and pyrin domain containing 1, Nucleotide-binding domain and caspase recruitment domain, PP 1044, PP1044.

Background: This gene encodes a member of the Ced-4 family of apoptosis proteins. Ced-family members contain a caspase recruitment domain (CARD) and are known to be key mediators of programmed cell death. The encoded protein contains a distinct N-terminal pyrin-like motif, which is possibly involved in protein-protein interactions. This protein interacts strongly with caspase 2 and weakly with caspase 9. Overexpression of this gene was demonstrated to induce apoptosis in cells. Multiple alternatively spliced transcript variants encoding distinct isoforms have been found for this gene, but the biological validity of some variants has not been determined. [provided by RefSeq, Jul 2008].

Gene ID: 22861

Pathways: [Positive Regulation of Endopeptidase Activity](#), [Inflammasome](#)

Application Details

Application Notes: WB 1:300-5000
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. |
| 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 |