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Datasheet for ABIN6991402

anti-NLRP5 antibody (C-Term)

Overview

Quantity:	0.1 mg
Target:	NLRP5
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NLRP5 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	NALP5 antibody was raised against a 14 amino acid synthetic peptide near the carboxy terminus of human NALP5. The immunogen is located within the last 50 amino acids of NALP5.
Isotype:	IgG
Purification:	NALP5 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	NLRP5
Alternative Name:	NALP5 (NLRP5 Products)
Background:	NALP5 Antibody: NALP proteins include the apoptosis regulator APAF1 (apoptotic protease activating factor 1) and mammalian NOD-LRR proteins and are thought to be involved in

Target Details

inflammation and reproduction. NALP5, also known as MATER, is a maternal gene required for early embryonic development in mice. Increased NALP5 expression was observed in two neuronal injury models, and transient expression of recombinant NALP5 in neurons induced caspase-3 activation and apoptosis, suggesting that NALP5 also plays a role in caspase activation and apoptosis in injured neurons, and may thus represent a novel target for therapeutic treatment in neurodegenerative disorders.

Gene ID: 126206

NCBI Accession: [NP_703148](#)

UniProt: [P59047](#)

Pathways: [Inflammasome](#)

Application Details

Application Notes: NALP5 antibody can be used for detection of NALP5 by Western blot at 1 µg/mL. Antibody can also be used for immunohistochemistry starting at 10 µg/mL. For immunofluorescence start at 20 µg/mL.

Antibody validated: Western Blot in mouse samples, Immunohistochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: NALP5 Antibody is supplied in PBS containing 0.02 % sodium azide.

Preservative: Sodium azide

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

Storage: -20 °C, 4 °C

Storage Comment: NALP5 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.