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Datasheet for ABIN7467666
anti-NLRP2 antibody

Overview

Quantity:	100 µL
Target:	NLRP2
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NLRP2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human NALP2. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	NLRP2
Alternative Name:	NLR family pyrin domain containing 2 (NLRP2 Products)
Background:	NLR family pyrin domain containing 2 , CLR19.9 , NALP2 , NBS1 , PAN1 , PYPAF2,NALP proteins, such as NALP2, are characterized by an N-terminal pyrin (MIM 608107) domain (PYD) and are involved in the activation of caspase-1 (CASP1, MIM 147678) by Toll-like receptors (see

Target Details

TLR4, MIM 603030). They may also be involved in protein complexes that activate proinflammatory caspases (Tschopp et al., 2003 [PubMed 12563287]).[supplied by OMIM]

Molecular Weight: 121 kDa

Gene ID: 55655

UniProt: [Q9NX02](#)

Pathways: [Production of Molecular Mediator of Immune Response, Positive Regulation of Endopeptidase Activity, Inflammasome](#)

Application Details

Application Notes: WB: 1:5000-1:20000. ICC/IF: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: 0.1M Tris-Glycine (pH 7), 10 % Glycerol, 0.01 % Thimerosal

Preservative: Thimerosal (Merthiolate)

Precaution of Use: This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-20 °C

Storage Comment: Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.