# antibodies - online.com







# anti-NLRP4 antibody (AA 351-450) (Cy5.5)



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Quantity:	100 μL
Target:	NLRP4
Binding Specificity:	AA 351-450
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NLRP4 antibody is conjugated to Cy5.5
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

#### **Product Details**

Immunogen:	KLH conjugated synthetic peptide derived from human NALP4	
Isotype:	IgG	
Specificity:	This antibody will detect multiple forms of NALP4, including the A, C and E Mouse variants.	
Cross-Reactivity:	Human, Rat	
Predicted Reactivity:	Mouse,Pig,Horse	
Purification:	Purified by Protein A.	

### **Target Details**

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Alternative Name:	NALP4 (NLRP4 Products)	
Background:	Synonyms: NACHT, LRR and PYD domains-containing protein 4, Cancer/testis antigen 58,	
	CT58, PAAD and NACHT-containing protein 2, PAN2, PYRIN and NACHT-containing protein 2,	
	PYRIN-containing APAF1-like protein 4, PYPAF4, Ribonuclease inhibitor 2, NLRP4, NALP4,	
	RNH2	
	Background: May be involved in inflammation and recognition of cytosolic pathogen-associated	
	molecular patterns (PAMPs) not intercepted by membrane-bound receptors. Acts as a negative	
	regulator of the type I interferon signaling pathway by serving as an adapter to promote DTX4-	
	mediated ubiquitination of activated TBK1, and its subsequent degradation. Suppresses NF-	
	kappaB induction by the cytokines TNFA and IL1B, suggesting that it operates at a point of	
	convergence in these two cytokine signaling pathways.	
Gene ID:	147945	
UniProt:	Q96MN2	
Pathways:	Inflammasome	
Application Details		
Application Notes:	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:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % 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:	-20 °C	
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.	

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Expiry Date:

12 months