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anti-NLRP1 antibody (N-Term)

2 Images



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Overview	
Quantity:	100 μL
Target:	NLRP1
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Horse, Pig, Rabbit, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NLRP1 antibody is un-conjugated
Application:	Western Blotting (WB)
Product Details	

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human NLRP1
Sequence:	DTQEPRIVIL QGAAGIGKST LARQVKEAWG RGQLYGDRFQ HVFYFSCREL
Predicted Reactivity:	Cow: 85%, Dog: 86%, Guinea Pig: 85%, Horse: 85%, Human: 100%, Mouse: 93%, Pig: 86%, Rabbit: 85%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against NLRP1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	NLRP1	

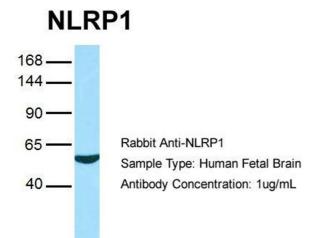
Target Details

Alternative Name:	NLRP1 (NLRP1 Products)	
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 Alias Symbols: CARD7, CLR17.1, DEFCAP, DEFCAP-L/S, DKFZp58601822, KIAA0926, NAC, NALP1, PP1044, SLEV1, VAMAS1 Protein Interaction Partner: TRIM68, CUL3, APOA1, NLRP1, PYCARD, NOD1, CASP5, CASP9,	
	APAF1, CASP2, BCL2L1, BCL2, CASP1, NLRC4,	
	Protein Size: 1375	
Molecular Weight:	155 kDa	
Gene ID:	22861	
NCBI Accession:	NM_001033053, NP_001028225	
UniProt:	Q9C000	
Pathways:	Positive Regulation of Endopeptidase Activity, Inflammasome	
Application Details		
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.	
Comment:	Antigen size: 1375 AA	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Concentration:	Lot specific	
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.	
Preservative:	Sodium azide	
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Handling Advice:	Avoid repeated freeze-thaw cycles.	
Storage:	-20 °C	

Storage Comment:

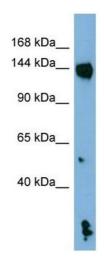
For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. Host: Rabbit Target Name: NLRP1 Sample Type: Human Fetal Brain Antibody Dilution: 1.0ug/ml



Western Blotting

Image 2. WB Suggested Anti-NLRP1 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: NCI-H226 cell lysate. NLRP1 is strongly supported by BioGPS gene expression data to be expressed in NCI-H226