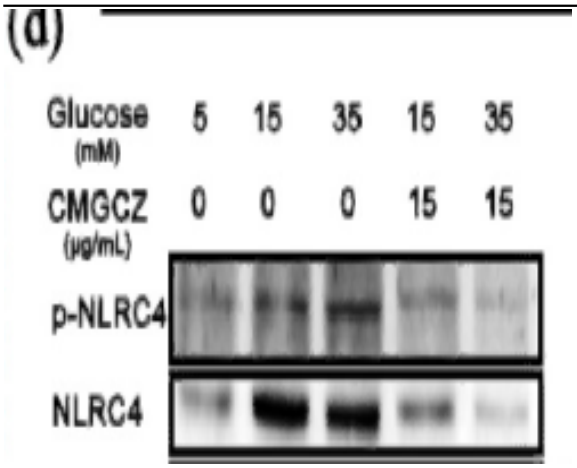
Best Tools for immunology Research

NLRC4 rabbit pAb

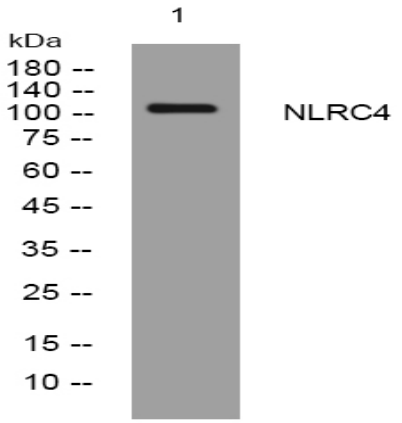
Catalog No :	YT7243
Reactivity :	Human;Mouse;Rat
Applications :	WB
Target :	NLRC4
Fields :	>>NOD-like receptor signaling pathway;>>Shigellosis;>>Salmonella infection;>>Legionellosis;>>Yersinia infection
Gene Name :	NLRC4 CARD12 CLAN CLAN1 IPAF UNQ6189/PRO20215
Protein Name :	NLRC4
Human Gene Id :	58484
Human Swiss Prot No :	Q9NPP4
Mouse Gene Id :	268973
Mouse Swiss Prot No :	Q3UP24
Rat Swiss Prot No :	F1M649
Immunogen :	Synthesized peptide derived from human NLRC4 AA range: 481-531
Specificity :	This antibody detects endogenous levels of NLRC4 at Human/Mouse/Rat
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1□500-2000
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Molecularweight :	113kD
Background :	This gene encodes a member of the caspase recruitment domain-containing NLR family. Family members play essential roles in innate immune response to a wide range of pathogenic organisms, tissue damage and other cellular stresses. Mutations in this gene result in autoinflammation with infantile enterocolitis. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Oct 2014],
Function :	function:Plays a role in the promotion of apoptosis.,similarity:Contains 1 CARD domain.,similarity:Contains 1 NACHT domain.,similarity:Contains 14 LRR (leucine-rich) repeats.,subcellular location:Cytoplasmic filaments.,subunit:Self-associates and binds to ASC, pro-caspase-1, NOD2, BCL10 and NALP1 (NAC) by CARD-CARD interaction.,tissue specificity:Isoform 2 is expressed ubiquitously, although highly expressed in lung and spleen. Isoform 1 is highly expressed in lung, followed by leukocytes especially monocytes, lymph node, colon, brain, prostate, placenta, spleen, bone marrow and fetal liver. Isoform 4 is only detected in brain.,
Subcellular Location :	Cytoplasm . Cytoplasm, cytosol . Inflammasome .
Expression :	Isoform 2 is expressed ubiquitously, although highly expressed in lung and spleen. Isoform 1 is highly expressed in lung, followed by leukocytes especially monocytes, lymph node, colon, brain, prostate, placenta, spleen, bone marrow and fetal liver. Isoform 4 is only detected in brain.
Sort :	10882
No4 :	1
Host :	Rabbit
Modifications :	Unmodified

Products Images



Glucose-driven transformable complex eliminates biofilm and alleviates inflamm-aging for diabetic periodontitis therapy. Bin Liu
WB Mouse 1:1500 RAW264.7 cell



Western blot analysis of lysates from KB cells, primary antibody was diluted at 1:1000, 4°over night