

## NLRC4 rabbit pAb

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

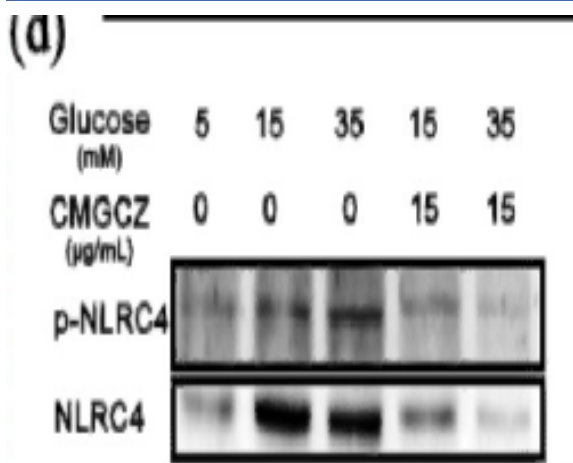
**Background :** This gene encodes a member of the caspase recruitment domain-containing NLR family. Family members play essential roles in innate immune response to a wide range of pathogenic organisms, tissue damage and other cellular stresses. Mutations in this gene result in autoinflammation with 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.,

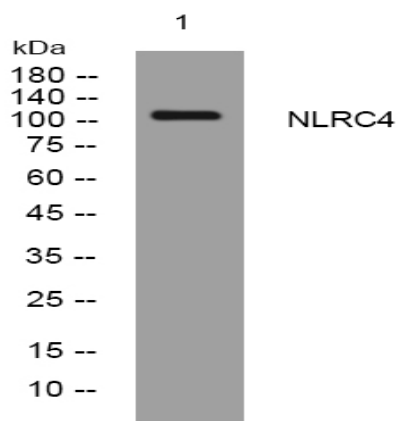
**Subcellular Location :** Cytoplasm . Cytoplasm, cytosol . Inflammasome .

**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.

## 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