



NLRP1 mouse mAb

Catalog No	YP-mAb-17860
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	NLRP1 CARD7 DEFCAP KIAA0926 NAC NALP1
Protein Name	NACHT, LRR and PYD domains-containing protein 1 (Caspase recruitment domain-containing protein 7) (Death effector filament-forming ced-4-like apoptosis protein) (Nucleotide-binding domain and caspase
Immunogen	Synthesized peptide derived from human NLRP1
Specificity	This antibody detects endogenous levels of NLRP1 at Human
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	162kD
Cell Pathway	Cytoplasm, cytosol . Cytoplasm . Nucleus . Nucleocytoplasmic distribution in lymphoid organs (probably in T-cells) and in neurons. In epithelial cells, predominantly cytoplasmic. .; [NACHT, LRR and PYD domains-containing protein 1, C-terminus]: Inflammasome .
Tissue Specificity	
Function	Acts as the sensor component of the NLRP1 inflammasome, which mediates inflammasome activation in response to various pathogen-associated signals, leading to subsequent pyroptosis . Inflammasomes are supramolecular complexes that assemble in the cytosol in response to pathogens and other damage-associated signals and play critical roles in innate immunity and inflammation . Acts as a recognition receptor (PRR): recognizes specific pathogens and other damage-associated signals, such as cleavage by human rhinoviruses 14 and 16 (HRV-14 and HRV-16), double-stranded RNA or Val-boroPro inhibitor, and mediates the formation of the inflammasome polymeric complex composed of NLRP1, CASP1 and PYCARD/ASC . In response to pathogen-associated signals, the N-terminal part of NLRP1 is degraded by the proteasome, releasing the cleaved C-terminal part of the protein (NACHT, LRR



and PYD domains-containin

Background

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images