



## CARD15/NOD2 rabbit pAb

货号	BYab-18010
同位型	IgG
应用	WB
种属	Human
靶点	NOD2
基因名称	NOD2 CARD15 IBD1
蛋白名称	Nucleotide-binding oligomerization domain-containing protein 2 (Caspase recruitment domain-containing protein 15) (Inflammatory bowel disease protein 1)
免疫原	Synthesized peptide derived from human CARD15/NOD2
特异性	This antibody detects endogenous levels of CARD15/NOD2 at Human
组成	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
来源	Polyclonal, Rabbit,IgG
稀释	WB 1:500-2000
纯化工艺	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
分子量	114kD
功能	Pattern recognition receptor (PRR) that detects bacterial peptidoglycan fragments and other danger signals and plays an important role in gastrointestinal immunity. Upon stimulation by muramyl dipeptide (MDP), a fragment of bacterial peptidoglycan, binds the proximal adapter receptor-interacting RIPK2, which recruits ubiquitin ligases as XIAP, BIRC2, BIRC3, INAVA and the LUBAC complex, triggering activation of MAP kinases and activation of NF-kappa-B signaling. This in turn leads to the transcriptional activation of hundreds of genes involved in immune response. Required for MDP-induced NLRP1-dependent CASP1 activation and IL1B release in macrophages. Component of an autophagy-mediated antibacterial pathway together with ATG16L1. Plays also a role in sensing single-stranded RNA (ssRNA) from viruses. Interacts with mitochondrial antiviral signaling/MAVS, leading to activation of inte
细胞定位	Cell membrane . Cytoplasm . Membrane . Mitochondrion . Basolateral cell membrane .
组织表达	Mainly expressed in monocytes (PubMed:11087742). Expressed also in intestinal mucosa, mainly in Paneth cells and, at lower extent, in the glandular epithelium (PubMed:22700971).
浓度	1 mg/ml
储存	-15°C to -25°C/1 year(Do not lower than -25°C)

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有关注意事项	Avoid repeated freezing and thawing!
使用建议	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## **Products Images**

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