



CARD15/NOD2 rabbit pAb

货号	YP-Ab-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)
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