DDX58(15B14)Rabbit Monoclonal Antibody

产品详情

产品货号	产品名称	储存条件	保质期
IM35371	DDX58(15B14)Rabbit Monoclonal Antibody	-20℃	1 年

产品介绍：

别名	RIG-I-like receptor 1; RLR-1; RLR1; Retinoic acid-inducible gene 1 protein; RIG-1; RIG1; RIG-I; RIGI;
类别	抗原抗体
基因名称	DDX58
推荐应用	WB,IP
反应种属	Human
存储缓冲液	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% New type preservative N and 0.05% BSA.
Human Gene ID	23586
免疫原	Recombinant protein of human DDX58
稀释度	WB 1:1000, IP 1:100
参考分子量	107kDa
预测分子量	107kDa
运输及保存条件	-20℃/1 year
宿主	Rabbit
同种型	IgG

注意事项	DDX58 Antibody is for research use only and not for use indiagnostic or therapeutic procedures.
组织表达	Present in vascular smooth cells (at protein level).
细胞定位	Cytoplasm. Cell projection, ruffle membrane. Cytoplasm, cytoskeleton. Cell junction, tight junction Note=Colocalizedwith TRIM25 at cytoplasmic perinuclear bodies Associated with the actin cytoskeleton at membrane ruffles
功能	Innate immune receptor that senses cytoplasmic viral nucleic acids and activates a downstream signaling cascade leading to the production of type I interferons and proinflammatory cytokines.Forms a ribonucleoprotein complex with viral RNAs on which it homooligomerizes to form filaments. The homooligomerization allows the recruitment of RNF135 an E3 ubiquitin-protein ligase that activates and amplifies the RIG-I-mediated antiviral signaling in an RNA lengthdependent manner through ubiquitination-dependent and -independent mechanisms(PubMed:28469175, PubMed:31006531).Upon activation, associates with mitochondria antiviral signaling protein (MAVS/IPS1) that activates the IKK-related kinases TBK1 and IKBKE which in turn phosphorylate the interferon regulatory factors IRF3 and IRF7,activating transcription of antiviral immunological genes including the IFN-alpha and IFN-beta interferons (PubMed:28469175,PubMed:31006531).Ligands include 5'-triphosphorylated ssRNAs and dsRNAs but also short dsRNAs (<1 kb in length).In addition to the5'-triphosphate moiety, blunt-end base pairing at the 5'-end of the RNA is very essential. Overhangs at the non-triphosphorylated end of the dsRNA RNA have no major impact onits activity.A 3'overhang at the 5'triphosphate end decreases and any 5'overhang at the 5'triphosphate end abolishes its acti

	vity.Detects both positive and negative strandRNA viruses including members of the families Paramyxoviridae:Human respiratory syncytial virus and measles virus (MeV), Rhabdoviridae:vesicular stomatitis virus (VSV),Orthomyxoviridae:influenza A and B virus, Flaviviridae:Japanese encephalitis virus (JEV),hepatitis C virus (HCV),dengue virus(DENV)and west Nile virus (WNV).It also detects rotaviruses and reoviruses.Detects and binds to SARS-CoV-2 RNAs which is inhibited by m6A RNA modifications (Ref.63).Also involved in antiviral signaling in response to viruses containing a dsDNA genome such as Epstein Barr virus (EBV). Detects dsRNA produced from non-self dsDNA by RNA polymerase III, such as Epstein-Barr virus-encoded RNAs (EBERs).May play important roles in granulocyte production and differentiation,bacterial phagocytosis and in the regulation of cell migration.
Clonality	Monoclonal

注意事项：

1.本产品仅供科研使用。请勿用于医药、临床诊断或治疗，食品及化妆品等用途。请勿存放于普通住宅区。
2.为了您的安全和健康，请穿好实验服并佩戴一次性手套和口罩操作。
3.实验结果可由多种因素影响，相关处理只限于产品本身，不涉及其他赔偿。

北京伊事达科技有限公司
电话：13564444959
官网：www.followme-shop.com
地址：北京市海淀区东北旺西路58号尚科办公社区C区一楼

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