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GLYR1 (YD35531) Rabbit mAb

货号: AYD11327

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC-P
推荐浓度	
理论分子量	61kDa/60kDa/60kDa
实测分子量	
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	
细胞定位	Nucleus, Chromosome
纯化	亲和纯化

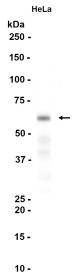
抗原信息

抗原信息	

靶点信息

研究背景	Cytokine-like nuclear factor with chromatin gene reader activity involved in chromatin modification and regulation of gene expression (PubMed:23260659, PubMed:30970244). Acts as a nucleosome-destabilizing factor that is recruited to genes during transcriptional activation (PubMed:29759984, PubMed:30970244). Recognizes and binds histone H3 without a preference for specific epigenetic markers and also binds DNA (PubMed:20850016, PubMed:30970244). Interacts with KDM1B and promotes its histone demethylase activity by facilitating the capture of H3 tails, they form a multifunctional enzyme complex that modifies transcribed chromatin and facilitates Pol II transcription through nucleosomes (PubMed:23260659, PubMed:29759984, PubMed:30970244). Stimulates the acetylation of 'Lys-56' of nucleosomal histone H3 (H3K56ac) by EP300 (PubMed:29759984). With GATA4, co-binds a defined set of heart development genes and coregulates their expression during cardiomyocyte differentiation (PubMed:35182466). Regulates p38 MAP kinase activity by mediating stress activation of MAPK14/p38alpha and specifically regulating MAPK14 signaling (PubMed:16352664). Indirectly promotes phosphorylation of MAPK14 and activation of ATF2 (PubMed:16352664). The phosphorylation of MAPK14 requires upstream activity of MAP2K4 and MAP2K6 (PubMed:16352664) Cytokine-like nuclear factor with chromatin gene reader activity involved in chromatin modification and regulation of gene expression (PubMed:29759984). Acts as a nucleosome-destabilizing factor that is recruited to genes during transcriptional activation. Recognizes and binds histone H3 without a preference for specific epigenetic markers and also binds DNA. Interacts with KDM1B and promotes its histone demethylase activity by facilitating the capture of H3 tails, they form a multifunctional enzyme complex that modifies transcribed chromatin and facilitates Pol II transcription through nucleosomes. Stimulates the acetylation of 'Lys-56' of nucleosomal histone H3 (H3K56ac) by EP300 (By similarity). With GATA4, co-binds a defined set of heart development genes and coregulates their expression during cardiomyocyte differentiation (PubMed:35182466). Regulates p38 MAP kinase activity by mediating stress activation of MAPK14/p38alpha and specifically regulating MAPK14 signaling. Indirectly promotes phosphorylation of MAPK14 and activation of ATF2. The phosphorylation of MAPK14 requires upstream activity of MAP2K4 and MAP2K6 (By similarity) Cytokine-like nuclear factor with chromatin gene reader activity involved in chromatin modification and regulation of gene expression. Acts as a nucleosome-destabilizing factor that is recruited to genes during transcriptional activation. Recognizes and binds histone H3 without a preference for specific epigenetic markers and also binds DNA. Interacts with KDM1B and promotes its histone demethylase activity by facilitating the capture of H3 tails, they form a multifunctional enzyme complex that modifies transcribed chromatin and facilitates Pol II transcription through nucleosomes. Stimulates the acetylation of 'Lys-56' of nucleosomal histone H3 (H3K56ac) by EP300. With GATA4, co-binds a defined set of heart development genes and coregulates their expression during cardiomyocyte differentiation. Regulates p38 MAP kinase activity by mediating stress activation of MAPK14/p38alpha and specifically regulating MAPK14 signaling. Indirectly promotes phosphorylation of MAPK14 and activation of ATF2. The phosphorylation of MAPK14 requires upstream activity of MAP2K4 and MAP2K6
基因ID	84656
基因名	GLYR1, Glyr1
Swiss	Q49A26 (https://www.uniprot.org/uniprotkb/Q49A26/entry), Q922P9 (https://www.uniprot.org/uniprotkb/Q922P9/entry), Q5RKH0 (https://www.uniprot.org/uniprotkb/Q5RKH0/entry)
别名	GLYR1 (YD35531),GLYR1 (YD35531) Rabbit mAb,GLYR1,3-hydroxyisobutyrate dehydrogenase-like protein,Glyoxylate reductase 1 homolog,Nuclear protein NP60,Nuclear protein of 60 kDa,Nucleosome-destabilizing factor,Putative oxidoreductase GLYR1,HIBDL,NDF,NP60

产品验证



实验步骤

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