

产品名称: MAST205 Rabbit Polyclonal Antibody
产品货号: APRab13661



产品概述 (Summary)

产品名称 (Production Name)	MAST205 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,ELISA
种属反应性 (Reactivity)	Human,Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	MAST2
别名 (Alternative Names)	MAST2; KIAA0807; MAST205; Microtubule-associated serine/threonine-protein kinase 2
基因 ID (Gene ID)	23139.0
蛋白 ID (SwissProt ID)	Q6P0Q8.The antiserum was produced against synthesized peptide derived from human MAST2. AA range:1201-1250

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:200-1:1000,ELISA 1:20000-1:40000
蛋白分子量 (Molecular Weight)	196kDa

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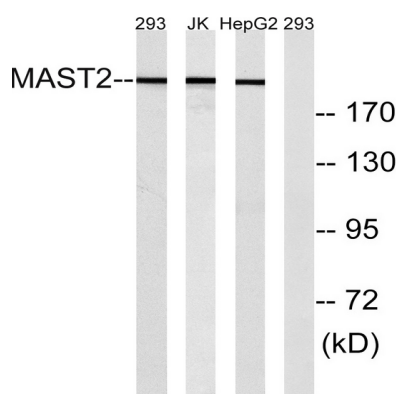


研究背景 (Background)

catalytic activity:ATP + a protein = ADP + a phosphoprotein.,cofactor:Magnesium.,function:Appears to link the dystrophin/utrophin network with microtubule filaments via the syntrophins. Phosphorylation of DMD or UTRN may modulate their affinities for associated proteins. Functions in a multi-protein complex in spermatid maturation. Regulates lipopolysaccharide-induced IL-12 synthesis in macrophages by forming a complex with TRAF6, resulting in the inhibition of TRAF6 NF-kappa-B activation.,PTM:Phosphorylated and ubiquitinated. N-terminal ubiquitination leads to degradation of MAST2 by proteasome-mediated proteolysis. N-terminal phosphorylation appears to be a prerequisite for ubiquitination.,similarity:Belongs to the protein kinase superfamily. AGC Ser/Thr protein kinase family.,similarity:Contains 1 AGC-kinase C-terminal domain.,similarity:Contains 1 PDZ (DHR) domain.,similarity:Contains 1 protein kinase domain.,subcellular location:Recruited to the sub-membranous area on interaction with PC-LKC.,tissue specificity:Abundant in the testis.,catalytic activity:ATP + a protein = ADP + a phosphoprotein.,cofactor:Magnesium.,function:Appears to link the dystrophin/utrophin network with microtubule filaments via the syntrophins. Phosphorylation of DMD or UTRN may modulate their affinities for associated proteins. Functions in a multi-protein complex in spermatid maturation. Regulates lipopolysaccharide-induced IL-12 synthesis in macrophages by forming a complex with TRAF6, resulting in the inhibition of TRAF6 NF-kappa-B activation.,PTM:Phosphorylated and ubiquitinated. N-terminal ubiquitination leads to degradation of MAST2 by proteasome-mediated proteolysis. N-terminal phosphorylation appears to be a prerequisite for ubiquitination.,similarity:Belongs to the protein kinase superfamily. AGC Ser/Thr protein kinase family.,similarity:Contains 1 AGC-kinase C-terminal domain.,similarity:Contains 1 PDZ (DHR) domain.,similarity:Contains 1 protein kinase domain.,subcellular location:Recruited to the sub-membranous area on interaction with PC-LKC.,tissue specificity:Abundant in the testis.,

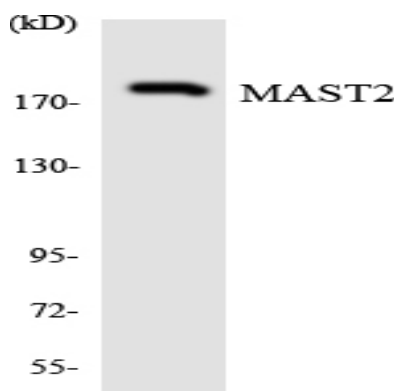
研究领域 (Research Area)

图片 (Image Data)

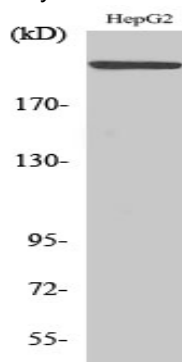


Western blot analysis of lysates from Jurkat, 293, and HepG2 cells, using MAST2 Antibody. The lane on the right is blocked with the synthesized peptide.

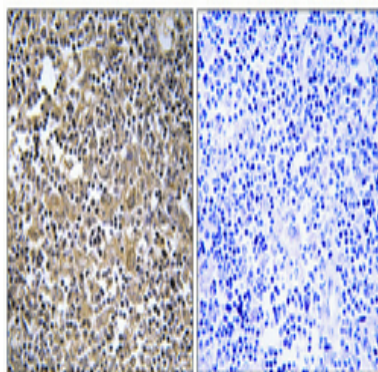
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Western blot analysis of the lysates from K562 cells using MAST2 antibody.



Western Blot analysis of various cells using MAST205 Polyclonal Antibody



Immunohistochemical analysis of paraffin-embedded Human lung cancer. Antibody was diluted at 1:100 (4°, overnight) .
High-pressure and temperature Tris-EDTA, pH 8.0 was used for antigen retrieval. Negative control (right) obtained from antibody was pre-absorbed by immunogen peptide.

注意事项 (Note)

For research use only .