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Phospho-STAT3 (Tyr705) Rabbit mAb

货号: AYM29422

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC IP ICC/IF
推荐浓度	**WB:** 1:500 - 1:2000 **IHC:** 1:50 - 1:200 **IF/ICC:** 1:50 - 1:200 **IP:** 1:20 - 1:50
理论分子量	83kDa/87kDa/88kDa
实测分子量	88kDa
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	HeLa
细胞定位	Cytoplasm,Nucleus
纯化	Affinity purification

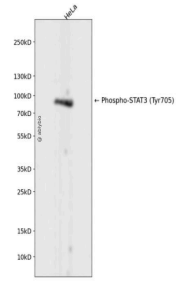
抗原信息

抗原信息	Recombinant fusion protein corresponding to Human Phospho-STAT3 (Tyr705).

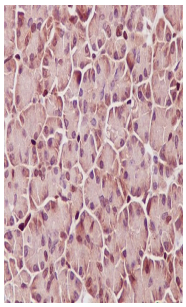
靶点信息

研究背景	The protein encoded by this gene is a member of the STAT protein family. In response to cytokines and gr owth factors, STAT family members are phosphorylated by the receptor associated kinases, and then for m homo- or heterodimers that translocate to the cell nucleus where they act as transcription activators. T his protein is activated through phosphorylation in response to various cytokines and growth factors inclu ding IFNs, EGF, IL5, IL6, HGF, LIF and BMP2. This protein mediates the expression of a variety of genes in response to cell stimuli, and thus plays a key role in many cellular processes such as cell growth and apo ptosis. The small GTPase Rac1 has been shown to bind and regulate the activity of this protein. PIAS3 pro tein is a specific inhibitor of this protein. Mutations in this gene are associated with infantile-onset multisy stem autoimmune disease and hyper-immunoglobulin E syndrome. Alternative splicing results in multiple transcript variants encoding distinct isoforms.
基因ID	6774
基因名	STAT3
Swiss	P40763 (https://www.uniprot.org/uniprotkb/P40763/entry)
别名	Phospho-STAT3 (Tyr705),Acute Phase Response Factor,Acute-phase response factor,ADMIO,APRF,AW1099 58,DNA binding protein APRF,FLJ20882,HIES,MGC16063,Signal transducer and activator of transcription 3 (acute phase response factor),Signal transducer and activator of transcription 3,STAT 3,Stat3,STAT3_HUM AN,Phospho-STAT3 (Tyr705) Rabbit mAb

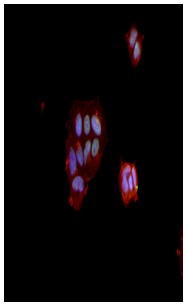
产品验证



Western blot analysis of Phospho-STAT3 (Tyr705) expressed in HeLa using Phospho-STAT3 (Tyr705) Rabbit mAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug pe r lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.



Immunohistochemical analysis of paraffin-embedded human pancreas, using Phospho-STAT3 (Y705) Antib ody.



The samples were fixed with PFA and permeabilized in 0.1% Triton X-100,then blocked in 10% serum for 4 5 minutes at 25°C. Samples were then incubated with primary Ab Phospho-STAT3 (Tyr705) and Rabbit acti n for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor4 88 conjugated goat.The nuclear counter stain is DAPI(blue).

实验步骤

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