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Phospho-STAT3-Y705 Rabbit pAb

货号: AYP10573

产品信息

反应	Human,Mouse
宿主	Rabbit
克隆性	Polyclonal
预测反应	**WB:** Mus musculus , Homo sapiens , Rattus norvegicus **IF:** Mus musculus , Rattus norvegicus , Homo sapiens
应用	WB
推荐浓度	**WB:** 1:100 - 1:500
理论分子量	83kDa/87kDa/88kDa
实测分子量	79KDa/86KDa
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	HeLa
细胞定位	Cytoplasm,Nucleus
纯化	Affinity purification

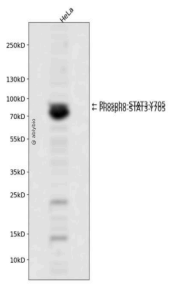
抗原信息

抗原信息	A synthetic phosphorylated peptide around Y705 of human Phospho-STAT3-Y705 (NP_644805.1).

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	ADMIO,ADMIO1,APRF,HIES,STAT3,Phospho-STAT3-Y705 Rabbit pAb,Acute-phase response factor

产品验证



Western blot analysis of Phospho-STAT3-Y705 expressed in HeLa using Phospho-STAT3-Y705 Rabbit pAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

实验步骤

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