

# TAOK1 Rabbit mAb

货号: B30679

产品信息

|       |  |
|-------|--|
| 反应    | Human,Mouse,Rat  |
| 宿主    | Rabbit   |
| 克隆性   | Monoclonal   |
| 预测反应  |  |
| 应用    | WB   |
| 推荐浓度  | <b>WB:</b> 1:500 - 1:2000  |
| 理论分子量 | 46kDa/97kDa/116kDa   |
| 实测分子量 | 116kDa   |
| 形式    | Liquid   |
| 保存条件  | Store at -20°C. Avoid freeze / thaw cycles.<br>Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.    |
| 偶联物   | Unconjugated   |
| 阳性对照  | Jurkat,U-251MG,Mouse testis,Rat liver  |
| 细胞定位  | cytoplasm,cytosol,extracellular exosome,microtubule cytoskeleton,perinuclear region of cytoplasm |
| 纯化    | Affinity purification  |

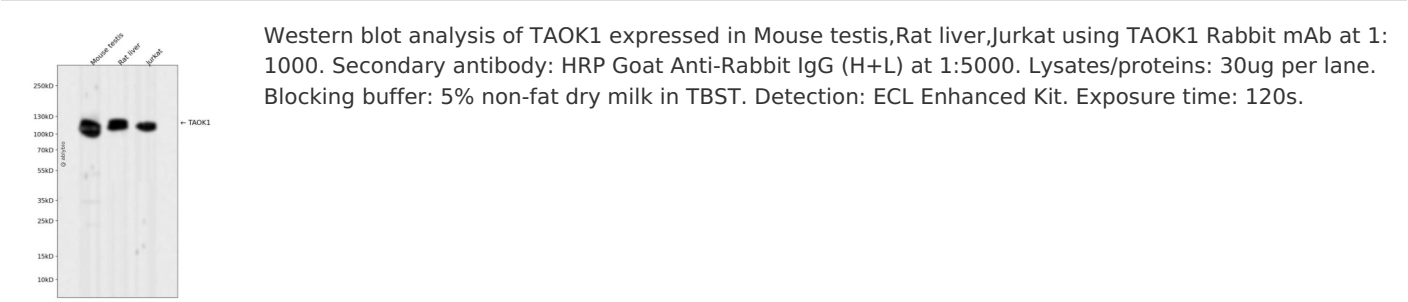
抗原信息

|      |  |
|------|--|
| 抗原信息 | Recombinant fusion protein corresponding to Human TAOK1. |
| 序列   |  |

靶点信息

|       |  |
|-------|--|
| 研究背景  | Serine/threonine-protein kinase involved in various processes such as p38/MAPK14 stress-activated MAPK cascade, DNA damage response and regulation of cytoskeleton stability. Phosphorylates MAP2K3, MAP2K6 and MARK2. Acts as an activator of the p38/MAPK14 stress-activated MAPK cascade by mediating phosphorylation and subsequent activation of the upstream MAP2K3 and MAP2K6 kinases. Involved in G-protein coupled receptor signaling to p38/MAPK14. In response to DNA damage, involved in the G2/M transition DNA damage checkpoint by activating the p38/MAPK14 stress-activated MAPK cascade, probably by mediating phosphorylation of MAP2K3 and MAP2K6. Acts as a regulator of cytoskeleton stability by phosphorylating 'Thr-208' of MARK2, leading to activate MARK2 kinase activity and subsequent phosphorylation and detachment of MAPT/TAU from microtubules. Also acts as a regulator of apoptosis: regulates apoptotic morphological changes, including cell contraction, membrane blebbing and apoptotic bodies formation via activation of the MAPK8/JNK cascade. |
| 基因ID  | 57551  |
| 基因名   | TAOK1  |
| Swiss | Q7L7X3   |
| 别名    | TAOK1;KFC-B;MAP3K16;MARKK;PSK-2;PSK2;TAO1;hKFC-B;hTAOK1  |

产品验证



实验步骤

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