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SREBP-1 Rabbit mAb

货号: AAY1795

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC IF ELISA
推荐浓度	**IHC:** 1:100-1:800 **WB:** 1:1000-1:3000 **IF:** 1:100-1:800 **ELISA:** 1:5000-1:20000
理论分子量	122kD
实测分子量	125kD
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.797.
偶联物	Unconjugated
阳性对照	A-549,HeLa
细胞定位	COPII-coated vesicle membrane,Cytoplasmic vesicle,Endoplasmic reticulum membrane,Golgi apparatus membrane,Multi-pass membrane protein,Multi-pass membrane protein,Nucleus
纯化	亲和纯化

抗原信息

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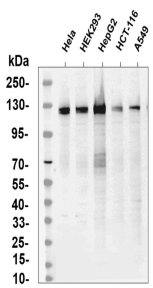
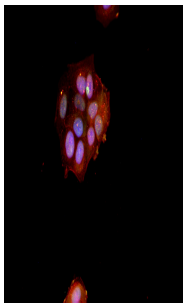
靶点信息

研究背景	This gene encodes a transcription factor that binds to the sterol regulatory element-1 (SRE1), which is a decamer flanking the low density lipoprotein receptor gene and some genes involved in sterol biosynthesis. The protein is synthesized as a precursor that is attached to the nuclear membrane and endoplasmic reticulum. Following cleavage, the mature protein translocates to the nucleus and activates transcription by binding to the SRE1. Sterols inhibit the cleavage of the precursor, and the mature nuclear form is rapidly catabolized, thereby reducing transcription. The protein is a member of the basic helix-loop-helix-leucine zipper (bHLH-Zip) transcription factor family. This gene is located within the Smith-Magenis syndrome region on chromosome 17.
基因ID	6720
基因名	SREBF1 BHLHD1 SREBP1;SREBP-1
Swiss	P36956 (https://www.uniprot.org/uniprotkb/P36956/entry)
别名	SREBF1 BHLHD1 SREBP1;SREBP-1;Sterol regulatory element-binding protein 1;SREBP-1;Class D basic helix-loop-helix protein 1;bHLHd1;Sterol regulatory element-binding transcription factor 1;[Cleaved into: Processed sterol regulatory element-binding protein 1]

产品验证



Western blot analysis of SREBP-1 expressed in hela,HEK293 hepg2 HCT-116 ,A549 cell using SREBP-1 Rabbit mAb 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: 120 s.



The samples were fixed with PFA and permeabilized in 0.1% Triton X-100,then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab SREBP-1 and Rabbit actin for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat.The nuclear counter stain is DAPI.

实验步骤

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