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STAR Rabbit mAb

货号: AYT1013

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC ICC/IF IP
推荐浓度	**WB 1:1000-1:3000; IF 1:200-1:800; ELISA 1:5000-1:20000; IP 1:50-1:200:**
理论分子量	32kD(Calculated).
实测分子量	32kD
形式	Liquid
保存条件	
偶联物	Unconjugated
阳性对照	Mouse testis,Rat testis
细胞定位	Mitochondrion.
纯化	Affinity purification

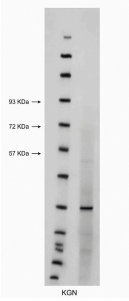
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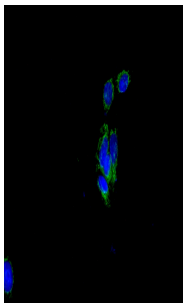
靶点信息

研究背景	The transport activity of StAR is important for the production of steroid hormones which are pivotal in numerous physiological functions. StAR does not function alone; it forms a part of a larger complex of proteins involved in mitochondrial cholesterol transfer. By enabling the conversion of cholesterol to pregnenolone a precursor to various steroid hormones StAR directly affects processes such as metabolism immune function and sexual differentiation. Abnormalities in these processes can result from disruptions in StAR's activity.
基因ID	6770
基因名	STAR STARD1
Swiss	P49675 (https://www.uniprot.org/uniprotkb/P49675/entry)
别名	Cholesterol trafficker; Luteinizing hormone induced protein; mitochondrial; Mitochondrial steroid acute regulatory protein; StAR; StAR related lipid transfer (START) domain containing 1; STAR_HUMAN; StARD1; START domain containing 1; START domain containing protein 1; START domain-containing protein 1; Steroid acute regulatory protein; Steroidogenic acute regulator; Steroidogenic acute regulatory protein; Steroidogenic acute regulatory protein mitochondrial

产品验证



Western blot analysis of STAR expressed in KGN cell using STAR 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: 120s.



Immunofluorescence analysis of MCF-7 cells labelling STAR with . The cells were fixed with cold 100% methanol (10min, 4℃) and blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween 20 for 1h. The cells were then incubate with Goat Anti-Rabbit IgG Fluor488 (1:200，shown in green) at room temprature for 1h.

实验步骤

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