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STEAP4 Rabbit pAb

货号: AYP21075

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB IF/ICC
推荐浓度	**WB:** 1:500 - 1:2000 **IF/ICC:** 1:50 - 1:200
理论分子量	31kDa/51kDa
实测分子量	52kDa
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thiomersal,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	Rat liver,Rat lung
细胞定位	Cell membrane,Golgi apparatus membrane,Multi-pass membrane protein
纯化	Affinity purification

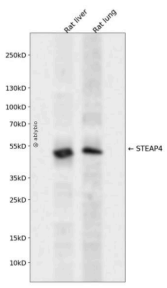
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 1-100 of human STEAP4 (NP_001192245).

靶点信息

研究背景	The protein encoded by this gene belongs to the STEAP (six transmembrane epithelial antigen of prostate) family, and resides in the golgi apparatus. It functions as a metalloreductase that has the ability to reduce both Fe(3+) to Fe(2+) and Cu(2+) to Cu(1+), using NAD(+) as acceptor. Studies in mice and human suggest that this gene maybe involved in adipocyte development and metabolism, and may contribute to the normal biology of the prostate cell, as well as prostate cancer progression. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Apr 2011]
基因ID	79689
基因名	STEAP4
Swiss	Q687X5 (https://www.uniprot.org/uniprotkb/Q687X5/entry)
别名	STAMP2,SchLAH,TIARP,TNFAIP9,STEAP4,STEAP4 Rabbit pAb,Six-transmembrane epithelial antigen of prostate 4,SixTransMembrane protein of prostate 2,Tumor necrosis factor,alpha-induced protein 9

产品验证



Western blot analysis of STEAP4 expressed in Rat liver,Rat lung using STEAP4 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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