

产品名称: STAMP2 Rabbit Polyclonal Antibody
产品货号: APRab18335



产品概述 (Summary)

产品名称 (Production Name)	STAMP2 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	IHC, ICC, IF, ELISA
种属反应性 (Reactivity)	Human, Rat, Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	STEAP4 STEAP4; STAMP2; TNFAIP9; Metalloreductase STEAP4; Six-transmembrane epithelial antigen of prostate 4; SixTransMembrane protein of prostate 2; Tumor necrosis factor; alpha-induced protein 9
别名 (Alternative Names)	
基因 ID (Gene ID)	79689.0
蛋白 ID (SwissProt ID)	Q687X5. The antiserum was produced against synthesized peptide derived from human STEAP4. AA range: 201-250

产品应用 (Application)

稀释比 (Dilution Ratio)	IHC 1:100-1:300, ICC/IF 1:200-1:1000, ELISA 1:10000-1:20000
蛋白分子量 (Molecular Weight)	

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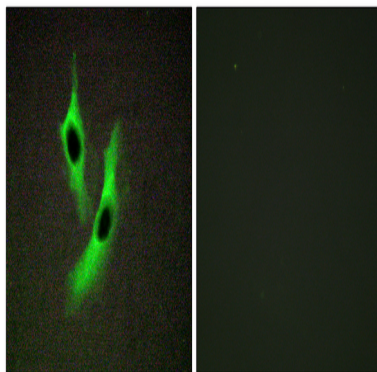


研究背景 (Background)

STEAP4 metalloreductase(STEAP4) Homo sapiens 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],cofactor:FAD.,function:Metalloreductase that has the ability to reduce both Fe(3+) to Fe(2+) and Cu(2+) to Cu(1+). Uses NAD(+) as acceptor.,induction:Up-regulated by androgens, including testosterone and dihydrotestosterone.,similarity:Belongs to the STEAP family.,similarity:Contains 1 ferric oxidoreductase domain.,tissue specificity:Ubiquitous. Highly expressed in placenta, lung, heart and prostate. Detected at lower levels in liver, skeletal muscle, pancreas, testis and small intestine.,

研究领域 (Research Area)

图片 (Image Data)



Immunofluorescence analysis of HeLa cells, using STEAP4 Antibody. The picture on the right is blocked with the synthesized peptide.

注意事项 (Note)

For research use only .