

产品名称: PARP-4 Rabbit Polyclonal Antibody
产品货号: AP Rab15768



产品概述 (Summary)

产品名称 (Production Name)	PARP-4 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)	PARP4 PARP4; ADPRTL1; KIAA0177; PARPL; Poly [ADP-ribose] polymerase 4; PARP-4;
别名 (Alternative Names)	193 kDa vault protein; ADP-ribosyltransferase diphtheria toxin-like 4; ARTD4; PARP-related/Alphal-related H5/proline-rich; PH5P; Vault poly(ADP-ribose) polymerase; VP
基因 ID (Gene ID)	143.0
蛋白 ID (SwissProt ID)	Q9UKK3. The antiserum was produced against synthesized peptide derived from human PARP4. AA range: 1151-1200

产品应用 (Application)

稀释比 (Dilution Ratio)	IHC 1:100-1:300, ICC/IF 1:50-1:200, ELISA 1:5000-1:20000
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蛋白分子量 (Molecular Weight)

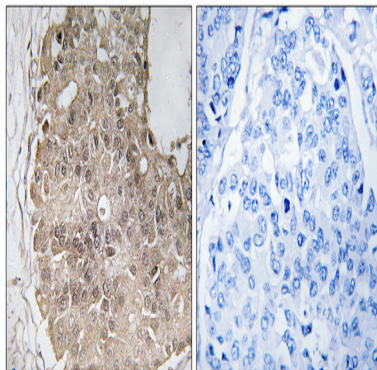
研究背景 (Background)

This gene encodes poly(ADP-ribosyl)transferase-like 1 protein, which is capable of catalyzing a poly(ADP-ribosyl)ation reaction. This protein has a catalytic domain which is homologous to that of poly (ADP-ribosyl) transferase, but lacks an N-terminal DNA binding domain which activates the C-terminal catalytic domain of poly (ADP-ribosyl) transferase. Since this protein is not capable of binding DNA directly, its transferase activity may be activated by other factors such as protein-protein interaction mediated by the extensive carboxyl terminus. [provided by RefSeq, Jul 2008],catalytic activity:NAD(+) + (ADP-D-ribosyl)(n)-acceptor = nicotinamide + (ADP-D-ribosyl)(n+1)-acceptor.,similarity:Contains 1 BRCT domain.,similarity:Contains 1 PARP alpha-helical domain.,similarity:Contains 1 PARP catalytic domain.,similarity:Contains 1 VWFA domain.,subcellular location:Also found in the nucleus, associated with mitotic spindles.,subunit:Component of the vault ribonucleoprotein particle, at least composed of MVP, PARP4 and one or more vault RNAs (vRNAs). Binds to MVP. Associates with TEP1.,tissue specificity:Widely expressed; the highest levels are in the kidney; also detected in heart, placenta, lung, liver, skeletal muscle, spleen, leukocytes and pancreas.,

研究领域 (Research Area)

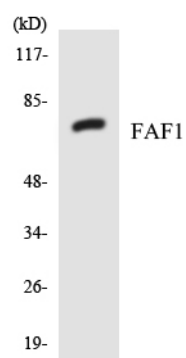
Base excision repair;

图片 (Image Data)



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma, using PARP4 Antibody. The picture on the right is blocked with the synthesized peptide.

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Western blot analysis of the lysates from HT-29 cells using FAF1 antibody.

注意事项 (Note)

For research use only .