

产品名称: PTGR2 Rabbit Polyclonal Antibody
产品货号: APRab16645



产品概述 (Summary)

产品名称 (Production Name)	PTGR2 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,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)	PTGR2
别名 (Alternative Names)	PTGR2; ZADH1; Prostaglandin reductase 2; PRG-2; 15-oxoprostaglandin 13-reductase; Zinc-binding alcohol dehydrogenase domain-containing protein 1
基因 ID (Gene ID)	145482.0
蛋白 ID (SwissProt ID)	Q8N8N7.The antiserum was produced against synthesized peptide derived from human ZADH1. AA range:181-230

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:5000-1:20000
蛋白分子量 (Molecular Weight)	35kDa

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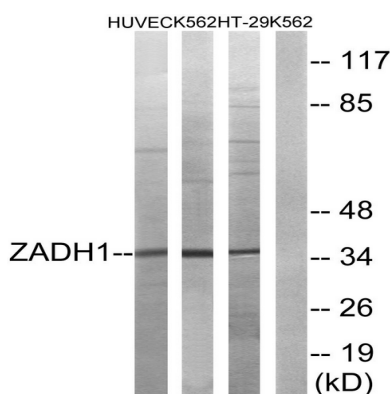
研究背景 (Background)

This gene encodes an enzyme involved in the metabolism of prostaglandins. The encoded protein catalyzes the NADPH-dependent conversion of 15-keto-prostaglandin E2 to 15-keto-13,14-dihydro-prostaglandin E2. This protein may also be involved in regulating activation of the peroxisome proliferator-activated receptor. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Apr 2009],catalytic activity:11- α -hydroxy-9,15-dioxoprost-5-enoate + NAD(P)(+) = (5Z)-(13E)-11- α -hydroxy-9,15-dioxoprost-5,13-dienoate + NAD(P)H.,cofactor:NADPH.,function:Functions as 15-oxo-prostaglandin 13-reductase and acts on 15-keto-PGE1, 15-keto-PGE2, 15-keto-PGE1- α and 15-keto-PGE2- α with highest activity towards 15-keto-PGE2. Overexpression represses transcriptional activity of PPARG and inhibits adipocyte differentiation.,similarity:Belongs to the NADP-dependent oxidoreductase L4BD family.,subunit:Monomer.,tissue specificity:Widely expressed.,

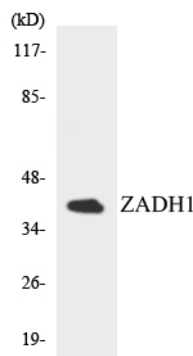
研究领域 (Research Area)

Cell Biology; Other Antibodies; Oxidative Stress; Metabolism; Pathways and Processes; Redox metabolism

图片 (Image Data)

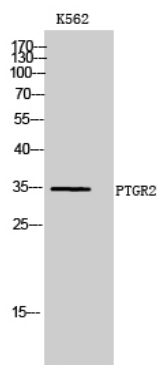


Western blot analysis of lysates from K562, HUVEC, and HT-29 cells, using ZADH1 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from HepG2 cells using ZADH1 antibody.

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Western Blot analysis of K562 cells using PTGR2 Polyclonal Antibody

注意事项 (Note)

For research use only .