

产品名称: OSR1 (phospho Thr185) Rabbit Polyclonal Antibody
产品货号: APRab05138



产品概述 (Summary)

产品名称 (Production Name)	OSR1 (phospho Thr185) 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,Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Phosphorylated
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)	OXSR1
别名 (Alternative Names)	OXSR1; KIAA1101; OSR1; Serine/threonine-protein kinase OSR1; Oxidative stress-responsive 1 protein
基因 ID (Gene ID)	9943.0
蛋白 ID (SwissProt ID)	O95747.The antiserum was produced against synthesized peptide derived from human OSR1 around the phosphorylation site of Thr185. AA range:151-200

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
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蛋白分子量 (Molecular Weight) 65kDa

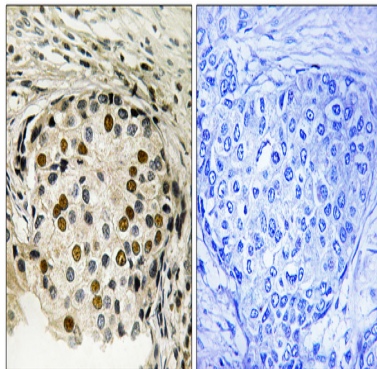
研究背景 (Background)

The product of this gene belongs to the Ser/Thr protein kinase family of proteins. It regulates downstream kinases in response to environmental stress, and may play a role in regulating the actin cytoskeleton. [provided by RefSeq, Jul 2008],catalytic activity:ATP + a protein = ADP + a phosphoprotein.,cofactor:Magnesium.,enzyme regulation:By autophosphorylation on threonine.,function:Regulates downstream kinases in response to environmental stress. May also have a function in regulating the actin cytoskeleton.,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,similarity:Belongs to the protein kinase superfamily. STE Ser/Thr protein kinase family. STE20 subfamily.,similarity:Contains 1 protein kinase domain.,subunit:Binds to and phosphorylates PAK1. Interacts with chloride channel proteins SLC12A6 isoform 2, SLC12A1 and SLC12A2 but not with SLC12A4 and SLC12A7, possibly establishing sensor/signaling modules that initiate the cellular response to environmental stress. Binds to and phosphorylates RELL1, RELL2 AND RELT.,tissue specificity:Ubiquitously expressed in all tissue examined.,

研究领域 (Research Area)

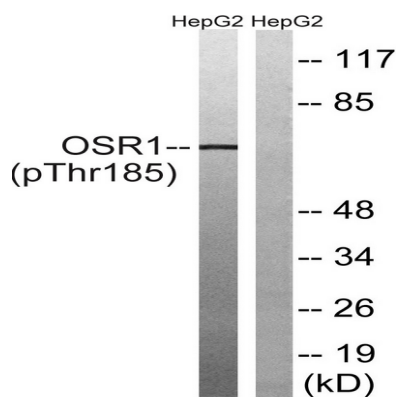
Signal Transduction

图片 (Image Data)



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma, using OSR1 (Phospho-Thr185) Antibody.
The picture on the right is blocked with the phospho peptide.

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Western blot analysis of lysates from HepG2 cells treated with serum 20% 15', using OSR1 (Phospho-Thr185) Antibody.
The lane on the right is blocked with the phospho peptide.

注意事项 (Note)

For research use only .