

产品名称: OXSR1 Rabbit Polyclonal Antibody
产品货号: APRab15556



产品概述 (Summary)

产品名称 (Production Name)	OXSR1 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,ELISA
种属反应性 (Reactivity)	Human,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)	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 OXSR1. AA range:272-321

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,ELISA 1:20000-1:40000
蛋白分子量 (Molecular Weight)	50kDa

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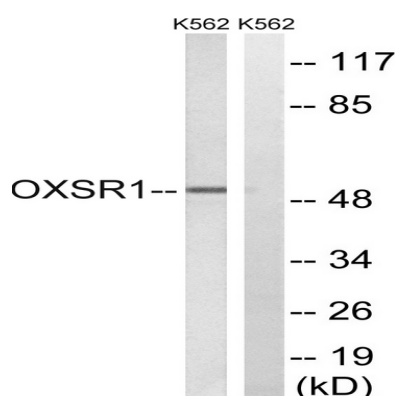
研究背景 (Background)

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)



Western blot analysis of lysates from K562 cells, using OXSR1 Antibody. The lane on the right is blocked with the synthesized peptide.

注意事项 (Note)

For research use only .