



## Rabbit Anti-phospho-OXSR1 (Thr185) antibody

SL17580R

<b>Product Name:</b>	phospho-OXSR1 (Thr185)
<b>Chinese Name:</b>	磷酸化氧化应激反应蛋白1抗体
<b>Alias:</b>	OXSR1 (phospho T185); p-OXSR1 (phospho T185); OSR1; OTTHUMP00000209062; Oxidative stress responsive 1; Oxidative stress responsive 1 protein; Oxidative stress-responsive 1 protein; OXSR 1; OXSR1; OXSR1_HUMAN; Serine/threonine protein kinase OSR1; Serine/threonine-protein kinase OSR1.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Chicken,Dog,Pig,Cow,Horse,Sheep,
<b>Applications:</b>	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	58kDa
<b>Cellular localization:</b>	cytoplasmic
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthesised phosphopeptide derived from human OXSR1 around the phosphorylation site of Thr185:RK(p-T)FV
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	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]

**Function:**

Regulates downstream kinases in response to environmental stress. May also have a function in regulating the actin cytoskeleton.

**Subcellular Location:**

Belongs to the protein kinase superfamily.  
STE Ser/Thr protein kinase family. STE20 subfamily.  
Contains 1 protein kinase domain.

**Tissue Specificity:**

Ubiquitously expressed in all tissue examined.

**Post-translational modifications:**

Phosphorylated upon DNA damage, probably by ATM or ATR.

**SWISS:**

O95747

**Gene ID:**

9943

**Database links:**

[Entrez Gene: 9943](#) Human

[Entrez Gene: 108737](#) Mouse

[Omim: 604046](#) Human

[SwissProt: O95747](#) Human

[SwissProt: Q6P9R2](#) Mouse

[Unigene: 475970](#) Human

[Unigene: 293565](#) Mouse

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.