

## ARG42121 anti-OXSR1 antibody

Package: 100 µl  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes OXSR1
Tested Reactivity	Hu, Ms, Rat
Tested Application	ICC/IF, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	OXSR1
Species	Human
Immunogen	Synthetic peptide within aa. 1-100 of Human OXSR1 (NP_005100.1).
Conjugation	Un-conjugated
Alternate Names	Serine/threonine-protein kinase OSR1; Oxidative stress-responsive 1 protein; OSR1; EC 2.7.11.1

### Application Instructions

Application table	Application	Dilution
	ICC/IF	1:50 - 1:200
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Jurkat	
Observed Size	~ 56 kDa	

### Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

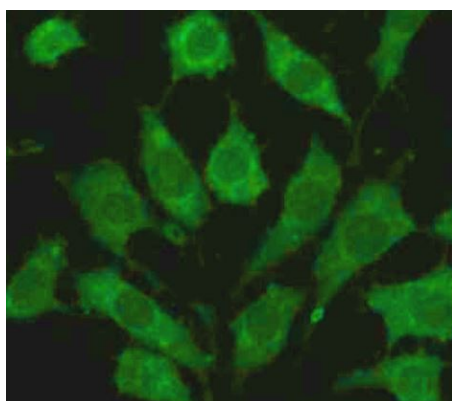
## Bioinformation

---

Gene Symbol	OXSR1
Gene Full Name	oxidative stress responsive 1
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]
Function	Phosphorylates RELL1, RELL2 and RELT (PubMed:16389068, PubMed:28688764). Phosphorylates PAK1 (PubMed:14707132). Phosphorylates PLSCR1 in the presence of RELT (PubMed:22052202). [UniProt]
Calculated Mw	58 kDa
Cellular Localization	Cytoplasm. [UniProt]

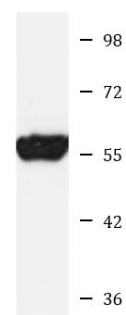
---

## Images



ARG42121 anti-OXSR1 antibody ICC/IF image

Immunofluorescence: L929 cells stained with ARG42121 anti-OXSR1 antibody at 1:100 dilution.



Jurkat

ARG42121 anti-OXSR1 antibody WB image

Western blot: 25 µg of Jurkat cell lysate stained with ARG42121 anti-OXSR1 antibody at 1:1000 dilution.