

OriGene Technologies, Inc.

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Product datasheet for TA500392

OXSR1 Mouse Monoclonal Antibody [Clone ID: OTI1F3]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI1F3
Applications:	IHC, WB
Recommended Dilution:	WB 1:1000, IHC 1:150
Reactivity:	Human, Dog, Rat, Monkey, Mouse
Host:	Mouse
lsotype:	lgG1
Clonality:	Monoclonal
Immunogen:	Full-length protein expressed in 293T cell transfected with human OXSR1 expression vector
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	1.28 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	57.8 kDa
Gene Name:	oxidative stress responsive kinase 1
Database Link:	<u>NP 005100</u> <u>Entrez Gene 108737 MouseEntrez Gene 316064 RatEntrez Gene 607809 DogEntrez Gene</u> <u>696362 MonkeyEntrez Gene 9943 Human</u> <u>O95747</u>
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.Regulates downstream kinases in response to environmental stress. May also have a function in regulating the actin cytoskeleton
Synonyms:	OSR1



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Protein Families: D

Druggable Genome, Protein Kinase

Product images:

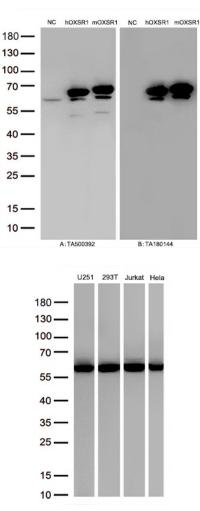
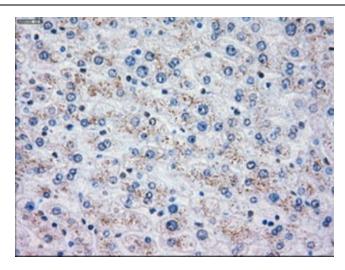


Figure A, Western blot analysis of overexpressed lysates (5ug per lane) from HEK293T cells transfected with empty plasmid ([PS100001], NC), human OXSR1 plasmid ([RC200396], hOXSR1), mouse OXSR1 plasmid ([MR208451], mOXSR1) using anti-OXSR1 antibody TA500392 (1:2000@1mg/ml). Figure B, Western blot analysis of the same samples as figure A with anti-DDK antibody ([TA180144], 1:2000@1mg/ml)

Western blot analysis of extracts (30ug per lane) from 4 different cell lines lysates by using anti-OXSR1 antibody(TA500392,1:1000@1mg/ml).

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Immunohistochemical staining of paraffinembedded Human liver tissue within the normal limits using anti-OXSR1 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.

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