

# Product Datasheet

## OSR1 Antibody (1G9) - Azide and BSA Free H00130497-M10

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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### Publications: 4

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**H00130497-M10**

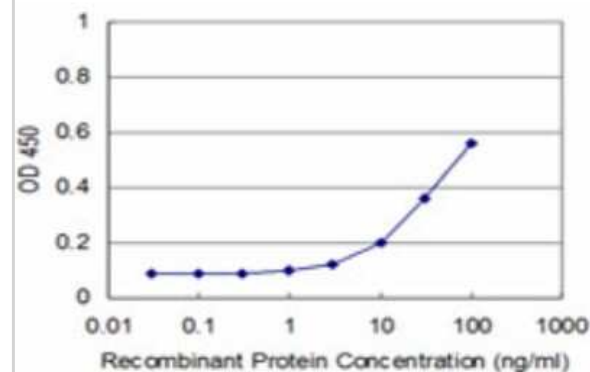
OSR1 Antibody (1G9) - Azide and BSA Free

<b>Product Information</b>	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	1G9
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG1 Kappa
<b>Purity</b>	IgG purified
<b>Buffer</b>	In 1x PBS, pH 7.4
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Mouse OSR1 Antibody (1G9) - Azide and BSA Free (H00130497-M10) is a monoclonal antibody validated for use in WB and ELISA. Anti-OSR1 Antibody: Cited in 4 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	130497
<b>Gene Symbol</b>	OSR1
<b>Species</b>	Human, Mouse
<b>Reactivity Notes</b>	Human. Other species not tested.
<b>Specificity/Sensitivity</b>	OSR1 - odd-skipped related 1 (Drosophila)
<b>Immunogen</b>	OSR1 (NP_660303, 1 a.a. ~ 100 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. MGSKTLPAPVPIHPSLQLTNYSFLQAVNGLPTVPSDHLPNLYGFSALHAVHLHQ WTLGY PAMHLPRSSFSKVP GTVSSLVDARFQLPAFPWFPHV IQPKP
<b>Notes</b>	This product is produced by and distributed for Abnova, a company based in Taiwan.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, ELISA, Sandwich ELISA
<b>Recommended Dilutions</b>	Western Blot, ELISA, Sandwich ELISA
<b>Application Notes</b>	Antibody reactive against recombinant protein on ELISA. GST alone used as a negative control.



## Images

Sandwich ELISA: OSR1 Antibody (1G9) [H00130497-M10] - Detection limit for recombinant GST tagged OSR1 is approximately 1 ng/ml as a capture antibody.



## Publications

Yoshida S, Araki Y, Mori T et al. Decreased KLHL3 expression is involved in the pathogenesis of pseudohypoaldosteronism type II caused by cullin 3 mutation in vivo. *Clin Exp Nephrol* 2018-06-05 [PMID: 29869755]

Hashimoto H, Nomura N, Shoda W et al. Metformin increases urinary sodium excretion by reducing phosphorylation of the sodium- chloride cotransporter. *Metabolism* 2018-03-03 [PMID: 29510178]

Kasagi Y, Takahashi D, Aida T et al. Impaired degradation of medullary WNK4 in the kidneys of KLHL2 knockout mice. *Biochem Biophys Res Commun* 2017-04-14 [PMID: 28414128]

Takahashi D, Mori T, Nomura N et al. WNK4 is the major WNK kinase positively regulating NCC in the mouse kidney. *Biosci Rep.* 2014-03-21 [PMID: 24655003]



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### **Products Related to H00130497-M10**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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