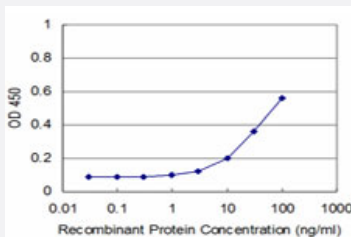


OSR1 monoclonal antibody (M10), clone 1G9

Catalog # H00130497-M10

Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged OSR1 is approximately 1ng/ml as a capture antibody.

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant OSR1.
Immunogen	OSR1 (NP_660303, 1 a.a. ~ 100 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MGSKTLPAPVPIHPSLQLTNYSFLQAVNGLPTVPSDHLPLNLYGFSAALHAVHLHQWTLGYPAMHLP RSSFSKVPGTVSSLVDARFQLPAFPWFPHVIQPKP
Host	Mouse
Reactivity	Human
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged OSR1 is approximately 1ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — OSR1

Entrez GeneID	130497
---------------	------------------------

GeneBank Accession#	NM_145260
---------------------	---------------------------

Protein Accession#	NP_660303
--------------------	---------------------------

Gene Name	OSR1
-----------	------

Gene Alias	ODD
------------	-----

Gene Description	odd-skipped related 1 (Drosophila)
------------------	------------------------------------

Omim ID	608891
---------	------------------------

Gene Ontology	Hyperlink
---------------	---------------------------

Other Designations	odd-skipped homolog odd-skipped related 1
--------------------	---

Publication Reference

- [Decreased KLHL3 expression is involved in the pathogenesis of pseudohypoaldosteronism type II caused by cullin 3 mutation in vivo.](#)

Yoshida S, Araki Y, Mori T, Sasaki E, Kasagi Y, Isobe K, Susa K, Inoue Y, Bomont P, Okado T, Rai T, Uchida S, Sohara E. Clinical and Experimental Nephrology 2018 Jun; [Epub].

Application: WB-Ti, Mouse, Mouse kidney

- [Metformin increases urinary sodium excretion by reducing phosphorylation of the sodium-chloride cotransporter.](#)

Hashimoto H, Nomura N, Shoda W, Isobe K, Kikuchi H, Yamamoto K, Fujimaru T, Ando F, Mori T, Okado T, Rai T, Uchida S, Sohara E.

Metabolism: Clinical and Experimental 2018 Aug; 85:23.

Application: WB-Ti, Mouse, Mouse kidneys

- [Impaired degradation of medullary WNK4 in the kidneys of KLHL2 knockout mice.](#)

Kasagi Y, Takahashi D, Aida T, Nishida H, Nomura N, Zeniya M, Mori T, Sasaki E, Ando F, Rai T, Uchida S, Sohara E.

Amino Acids 2017 Apr; 487(2):368.

Application: WB-Ti, Mouse, Mouse kidney

- [WNK4 is the major WNK kinase positively regulating NCC in the mouse kidney.](#)

Takahashi D, Mori T, Nomura N, Khan MZ, Araki Y, Zeniya M, Sohara E, Rai T, Sasaki S, Uchida S.

Bioscience Reports 2014 May; 34(3):e00107.

Application: WB-Ti, Mouse, Kidney

Disease

- [Cleft Lip](#)
- [Cleft Palate](#)
- [Tooth Abnormalities](#)