bs-12377R

[Primary Antibody]

Bioss

OSR1 + OSR2 Rabbit pAb

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- DATASHEET -

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

GenelD: 130497 SWISS: Q8TAX0

Target: OSR1 + OSR2

Immunogen: KLH conjugated synthetic peptide derived from human OSR2 and

OSR1: 181-280/312.

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50%

Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated

freeze/thaw cycles.

Background: The OSR1 (odd skipped related 1) gene encodes a zinc-finger

transcription factor that is expressed in the germ ring mesendoderm and subsequently in the endoderm and intermediate mesoderm, prior to the expression of definitive kidney or blood/vascular markers. Osr1 expression marks a multipotent population of intermediate mesoderm that undergoes progressive restriction to an Osr1-dependent nephron progenitor compartment within the mammalian kidney. Osr1 expression is regulated by Runx2 and Ikzf1, which are known as master-gene of

osteogenesis and hematopoiesis, respectively.

Applications: IHC-P (1:100-500)

IHC-F (1:100-500) IF (1:100-500)

Reactivity: Human, Mouse, Rat

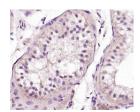
(predicted: Pig, Sheep, Cow, Dog, Horse, Danio

rerio)

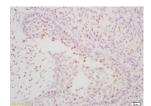
Predicted MW.: 35 kDa

Subcellular Location: Nucleus

VALIDATION IMAGES



Paraformaldehyde-fixed, paraffin embedded (human testis); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Incubation with (OSR1 + OSR2) Polyclonal Antibody, Unconjugated (bs-12377R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.



Tissue/cell: mouse embryo tissue; 4%
Paraformaldehyde-fixed and paraffinembedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min; Incubation: Anti-OSR2 Polyclonal Antibody, Unconjugated(bs-12377R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

- SELECTED CITATIONS -

• [IF=3.5] Xinju Lin. et al. Tumor suppressor OSR1 is modified by SUMO1 and regulates the Wnt/β-catenin signaling pathway in HCC. EXP CELL RES. 2025 Jul;:114693 IHC, WB; Human. 40744317