

# OSR1 Polyclonal antibody

Catalog Number: 30606-1-AP

## Basic Information

<b>Catalog Number:</b> 30606-1-AP	<b>GenBank Accession Number:</b> BC025712	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 550 ug/ml	<b>GeneID (NCBI):</b> 130497	<b>Recommended Dilutions:</b> WB 1:500-1:1000 IHC 1:50-1:500
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q8TAX0	
<b>Isotype:</b> IgG	<b>Full Name:</b> odd-skipped related 1 (Drosophila)	
<b>Immunogen Catalog Number:</b> AG31336	<b>Calculated MW:</b> 30 kDa <b>Observed MW:</b> 30 kDa	

## Applications

<b>Tested Applications:</b> WB, IHC, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> human, mouse, rat	<b>WB :</b> mouse embryo tissue, rat bladder tissue <b>IHC :</b> mouse embryo tissue,
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

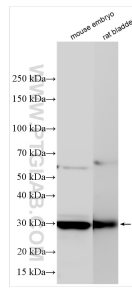
## Background Information

Odd-skipped-related1(OSR1), contains 3 C2H3-type zinc fingers, a tyrosine phosphorylation site and several putative PXXP SH3 binding motifs. It's a transcription factor that has a role in embryonic heart and urogenital development. Expressed during the beginning stages of embryogenesis and during limb and branchial arch development, it possibly participates in the metanephric kidney formation. OSR1 also plays a key role in the generation of kidney precursor cells and their subsequent differentiation into nephrons. OSR1 is upregulated in several pancreatic and esophageal cancer cell lines and downregulated in some primary gastric cancers

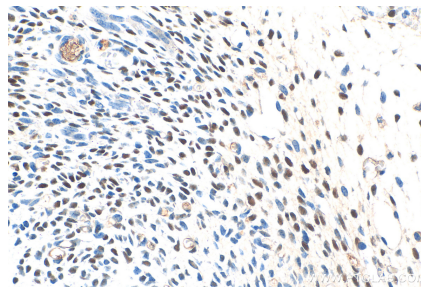
## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 30606-1-AP (OSR1 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse embryo tissue slide using 30606-1-AP (OSR1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).