

For Research Use Only

OSR1 Polyclonal antibody

Catalog Number:30606-1-AP



Basic Information

Catalog Number: 30606-1-AP	GenBank Accession Number: BC025712	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 550 ug/ml by Nanodrop;	GeneID (NCBI): 130497	Recommended Dilutions: WB 1:500-1:1000 IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: Q8TAX0	
Isotype: IgG	Full Name: odd-skipped related 1 (Drosophila)	
Immunogen Catalog Number: AG31336	Calculated MW: 30 kDa	
	Observed MW: 30 kDa	

Applications

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

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

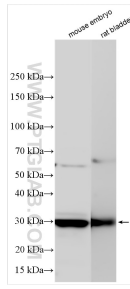
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

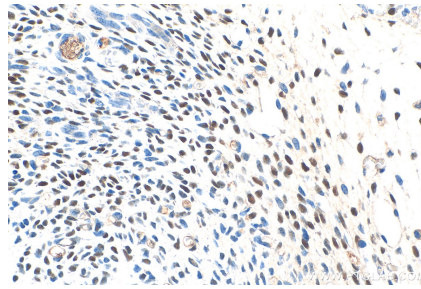
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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).