

For Research Use Only

OCT1-Specific Polyclonal antibody

Catalog Number: 18995-1-AP



Basic Information

Catalog Number: 18995-1-AP	GenBank Accession Number: NM_002697	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 140 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 5451	
Source: Rabbit	Full Name: POU class 2 homeobox 1	
Isotype: IgG	Calculated MW: 78 kDa	

Applications

Tested Applications:
ELISA

Species Specificity:
human, mouse, rat

Background Information

OCT1, also named as POU2F1 and OTF1, belongs to the POU transcription factor family and Class-2 subfamily. OCT1 is a transcription factor that binds to the octamer motif (5'-ATTGTCAT-3') and activates the promoters of the genes for some small nuclear RNAs (snRNA) and of genes such as those for histone H2B and immunoglobulins. OCT1 modulates transcription transactivation by NR3C1, AR and PGR. By similarity. In case of human herpes simplex virus (HSV) infection, POU2F1 forms a multiprotein-DNA complex with the viral transactivator protein VP16 and HCFC1 thereby enabling the transcription of the viral immediate early genes. The antibody is specific to OCT1. It can recognize isoform1, 2 and 3. The antibody can't recognize isoform4.

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:
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Selected Validation Data