Oct-1 (Phospho Ser385) Rabbit pAb

CatalogNo: YP1021

Key Features

Host Species	Reactivity	Applications
• Rabbit	• Human,Mouse,Rat	• IHC,IF,ELISA

MW	Isotype
• 76kD (Calculated)	• IgG

Storage

Storage*	-15°C to -25°C/1 year (Do not lower than -25°C)
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Recommended Dilution Ratios

IHC 1:100-1:300
ELISA 1:20000
IF 1:50-200

Basic Information

Clonality	Polyclonal

Immunogen Information

Immunogen	The antiserum was produced against synthesized peptide derived from human POU2F1/OCT1 around the phosphorylation site of Ser385. AA range:361-410
Specificity	Phospho-Oct-1 (S385) Polyclonal Antibody detects endogenous levels of 41183 protein only when phosphorylated at S385.The name of modified sites may be influenced by many factors, such as species (the modified site was not originally found in human samples) and the change of protein sequence (the previous protein sequence is incomplete, and the protein sequence may be prolonged with the development of protein sequencing technology). When naming, we will use the "numbers" in historical reference to keep the sites consistent with the reports. The antibody binds to the following modification sequence (lowercase letters are modification sites):RTsIE

Target Information

Gene name POU2F1

Protein Name POU domain class 2 transcription factor

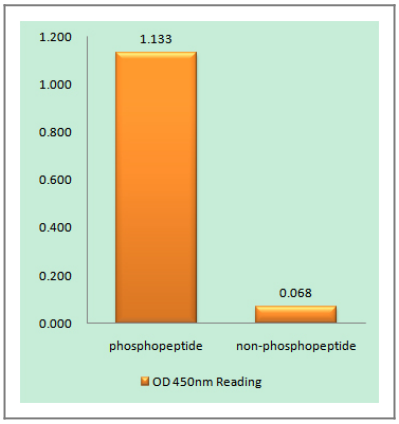
Organism	Gene ID	UniProt ID
Human	5451; 5452;	P14859; P09086;
Mouse	18986; 18987;	
Rat	171068;	P31503;

Cellular Localization Nucleus.

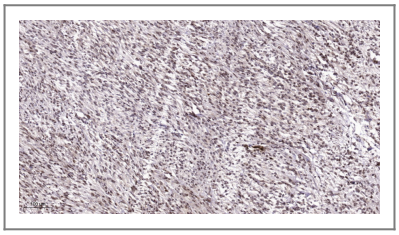
Tissue specificity Ubiquitous. Isoform 2 is lymphocyte-specific.

Function Function:Transcription factor that binds to the octamer motif (5'-ATTTGCAT-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. Modulates transcription transactivation by NR3C1 , AR and PGR. ,PTM:Phosphorylated by PRKDC. ,similarity:Belongs to the POU transcription factor family. Class-2 subfamily. ,similarity:Contains 1 homeobox DNA-binding domain. ,similarity:Contains 1 POU-specific domain. ,subunit:Interacts with NR3C1 , AR , PGR and HCFC1. ,tissue specificity:Ubiquitous. Isoform 2 is lymphocyte-specific. ,

Validation Data



Enzyme-Linked Immunosorbent Assay (Phospho-ELISA) for Immunogen Phosphopeptide (Phospho-left) and Non-Phosphopeptide (Phospho-right), using POU2F1/OCT1 (Phospho-Ser385) Antibody



Immunohistochemical analysis of paraffin-embedded human Colon cancer. 1, Antibody was diluted at 1:200 (4℃ overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200 (room temperature, 45min).

Contact information

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Please scan the QR code to access additional product information:
Oct-1 (Phospho Ser385) Rabbit pAb

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