

OCT1 (Phospho-S385) polyclonal antibody

Catalog: BS67588

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Oct-1 (POU2F1) is a ubiquitously expressed, octamer-binding transcription factor containing a POU domain with a homeobox subdomain. Oct-1 has been shown to interact with several transcription factors in mediating specific gene expression, including SNAPc, OBF-1 (a B-cell transcriptional coactivator protein), TFIIB, and TBP (TATA-box-binding protein). Its POU DNA-binding domain allows Oct-1 the flexibility to facilitate the binding and recruitment of several tissue-specific cofactors to either positively or negatively regulate a variety of genes, exerting an important role in development.

Product:

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

Molecular Weight:

~ 80 kDa

Swiss-Prot:

P14859; P09086

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

WB (1/500 - 1/1000), IHC (1/50 - 1/200)

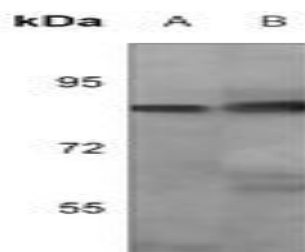
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

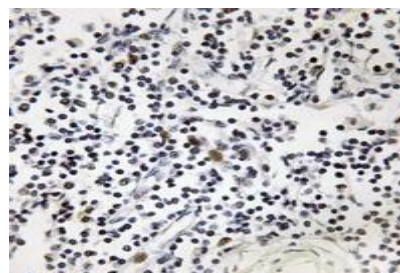
Specificity:

Recognizes endogenous levels of OCT1 with a phosphorylation site at S385 protein.

DATA:



Western blot analysis of OCT1 (pS385) expression in mouse lung (A), rat lung (B) whole cell lysates.



Immunohistochemical analysis of OCT1 (pS385) staining in human lymph node formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

Note:

For research use only, not for use in diagnostic procedure.

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