

Allgemeine Informationen

Katalog-Nr.:

10867-2-AP

Größe:

150ul, Konzentration: 550 µg/ml von Nanodrop und 367 µg/ml durch die Bradford-Methode mit BSA als Standard;

Wirt:

Kaninchen

Isotyp:

IgG

Immunogen Katalognummer:

AG0955

GenBank-Zugangsnummer:

BC006101

GeneID (NCBI):

5452

Vollständiger Name:

POU class 2 homeobox 2

Berechnete Masse:

44 kDa

Beobachtete Masse:

55 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:500-1:1000

IP 0.5-4.0 µg für IP und 1:200-1:1000 für WB

IHC 1:20-1:200

Anwendungen

Geprüfte Anwendungen:

IHC, IP, WB, ELISA

Getestete Reaktivität:

Human, Maus

Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.

Positivkontrollen:

WB : NIH/3T3-Zellen, Maus-Eierstockgewebe

IP : NIH/3T3-Zellen,

IHC : humanes Lymphomgewebe,

Hintergrundinformationen

POU2F2, also named as OCT2, is a 479 amino acid protein, which belongs to the POU transcription factor family. The Pit-Oct-Unc (POU) family of transcription factors includes many proteins that have been grouped in seven distinct classes according to function and expression containing proteins such as the neuronally expressed Pit proteins in class I, the ubiquitously expressed Oct-1 and tissue-specific Oct-2 in the second category, the well-known pluripotency marker Oct-4 which belongs to class V. Oct-1 (POU2f1) is a ubiquitous factor present in a wide range of cell types while Oct-2 (POU2f2) expression has been found confined to B lymphocytes and neuronal cells. Oct-2 has been implicated in B cell development and regulation of B lymphocyte-specific genes. POU2F2 exists various isoforms with MV 43, 50, and 62 kDa.

Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

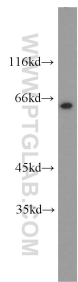
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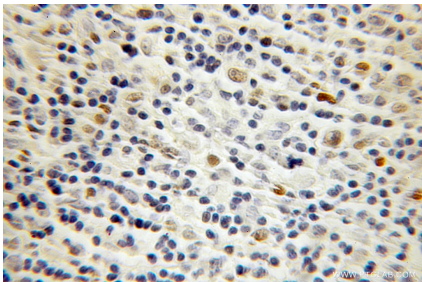
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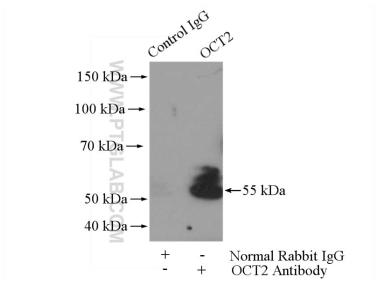
Ausgewählte Validierungsdaten



NIH/3T3 cells were subjected to SDS PAGE followed by western blot with 10867-2-AP (OCT2 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human lymphoma using 10867-2-AP (OCT2 antibody) at dilution of 1:100 (under 10x lens).



IP Result of anti-OCT2 (IP:10867-2-AP, 4ug; Detection:10867-2-AP 1:300) with NIH/3T3 cells lysate 1200ug.