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POU2AF1 Antibody (internal region)

Peptide-affinity purified goat antibody
Catalog # AF3193a

Specification

POU2AF1 Antibody (internal region) - Product Information

Application	**WB**
Primary Accession	Q16633
Other Accession	NP_006226.2, 5450
Reactivity	**Human**
Predicted	**Mouse, Rat, Dog, Cow**
Host	**Goat**
Clonality	**Polyclonal**
Concentration	**0.5 mg/ml**
Isotype	**IgG**
Calculated MW	**27436**

POU2AF1 Antibody (internal region) - Additional Information

Gene ID 5450

Other Names
POU domain class 2-associating factor 1, B-cell-specific coactivator OBF-1, BOB-1, OCA-B, OCT-binding factor 1, POU2AF1, OBF1

Format
0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
POU2AF1 Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

POU2AF1 Antibody (internal region) - Protein Information

Name POU2AF1 (HGNC:9211)

Function
Transcriptional coactivator that specifically associates with either POU2F1/OCT1 or POU2F2/OCT2 (PubMed:7859290). It boosts the POU2F1/OCT1 mediated promoter activity and to a lesser extent, that of POU2F2/OCT2 (PubMed:7779176). It recognizes the POU domains of POU2F1/OCT1 and POU2F2/OCT2 (PubMed:7779176). It is essential

for the response of B-cells to antigens and required for the formation of germinal centers (PubMed:7623806, PubMed:7859290). Regulates IL6 expression in B cells as POU2F2/OCT2 coactivator (By similarity).

Cellular Location
Nucleus.

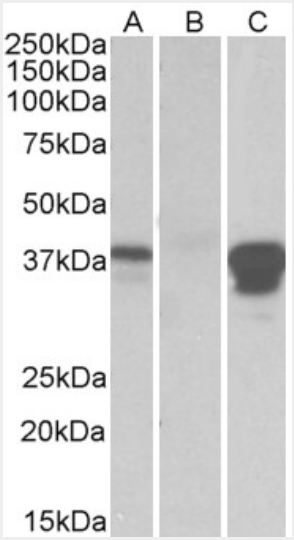
Tissue Location
B-cell specific (PubMed:7779176, PubMed:7859290). Detected in mainly in spleen, but also in thymus, periphral blood leukocyte and small intestine (PubMed:7779176, PubMed:7859290)

POU2AF1 Antibody (internal region) - Protocols

Provided below are standard protocols that you may find useful for product applications.

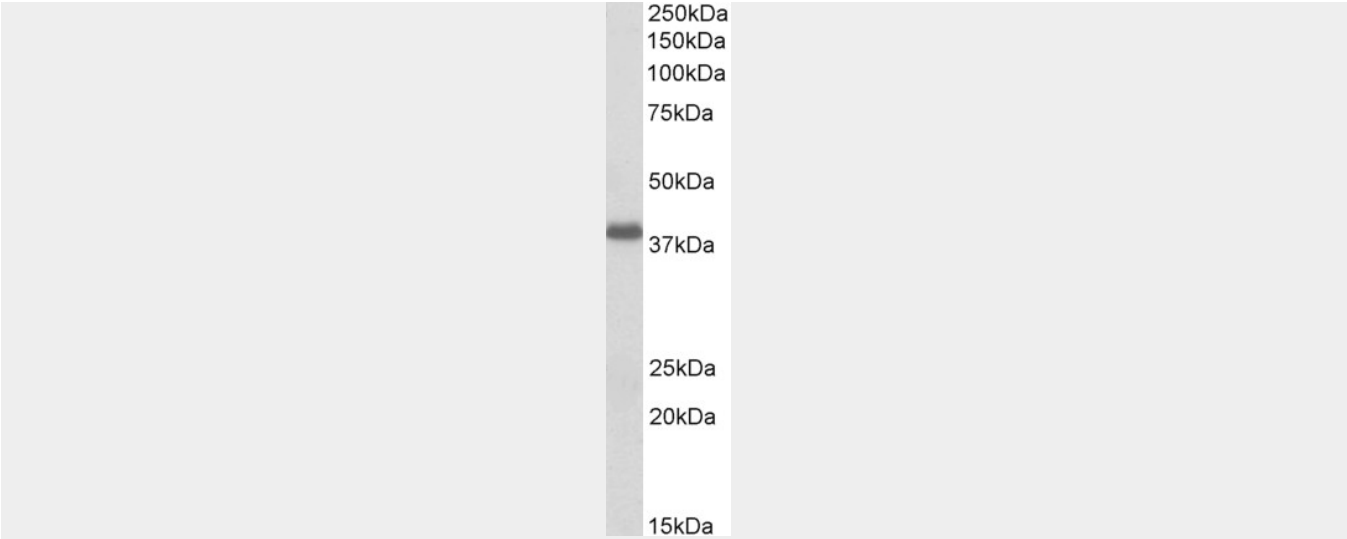
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

POU2AF1 Antibody (internal region) - Images



HEK293 lysate (10ug protein in RIPA buffer) overexpressing Human POU2AF1 with DYKDDDDK tag probed with AF3193a (0.5ug/ml) in Lane A and probed with anti- DYKDDDDK Tag (1/3000) in lane C. Mock-transfected HEK293 probed with AF3193a (1mg/ml) in Lane B. Primary incubations were for 1 hour. Detected by chemiluminescence.

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AF3193a (0.3 µg/ml) staining of Daudi lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

POU2AF1 Antibody (internal region) - References

Functional long-range interactions of the IgH 3' enhancers with the bcl-2 promoter region in t(14;18) lymphoma cells. Duan H, Xiang H, Ma L, Boxer LM, Oncogene 2008 Dec 27 (53): 6720-8. PMID: 18695675