

## Goat anti-POU2AF1 Antibody

<b>Item Number</b>	dAP-2414
<b>Target Molecule</b>	Principle Name: POU2AF1; Official Symbol: POU2AF1; All Names and Symbols: POU2AF1; POU class 2 associating factor 1; BOB1; OBF-1; OBF1; OCAB; POU domain, class 2, associating factor 1; Accession Number (s): NP_006226.2; Human Gene ID(s): 5450; Non-Human GenID(s):
<b>Immunogen</b>	DSDAYALNHTLSVE, is from C Terminus
<b>Applications</b>	Pep ELISA, WB Trf, IHC Species Tested: Human
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	Lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 8000.
<b>Western Blot</b>	Western Blot: In transfected HEK293 transiently expressing full-length Human POU2AF1 (myc and DYKDDDDK tagged), a band of approx. 38kDa was observed. No bands were observed in mock-transfected HEK293 and the same band was observed using anti-DYKDDDDK tag
<b>IHC</b>	Immunohistochemistry: In paraffin embedded Human Spleen shows nuclear staining in the germinal center with stronger nucleoli staining in some of the B cells. Recommended concentration, 3-5µg/ml.
<b>Reference</b>	Reference(s): Duan H, Xiang H, Ma L, Boxer LM, Functional long-range interactions of the IgH 3' enhancers with the bcl-2 promoter region in t(14;18) lymphoma cells. <i>Oncogene</i> 2008 Dec 27 (53): 6720-8.. PMID: 18695675->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**