

Rabbit POU2F1 Polyclonal Antibody | anti-POU2F1 antibody

POU2F1 Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284905	Rabbit	Human (Predicted Reactivity: Chicken, Mouse, Pig, Rat, Xenopus)	Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

POU2F1; Polyclonal Antibody; POU2F1 Antibody (Center); POU domain; class 2; transcription factor 1; NF-A1; Octamer-binding protein 1; Oct-1; Octamer-binding transcription factor 1; OTF-1; OCT1; OTF1; anti-POU2F1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Chicken, Mouse, Pig, Rat, Xenopus)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This POU2F1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 364-391 amino acids from the Central region of human POU2F1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.35 (varies by lot)
Sequence Positions	364-391
Sequence Length	703
Applicable Applications for anti-POU2F1 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

POU2F1 Antibody (Center) immunohistochemistry analysis in formalin fixed and paraffin embedded human rectum tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of POU2F1 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)

POU2F1 Antibody (Center) western blot analysis in HL-60 cell line lysates (35ug/lane). This demonstrates the POU2F1 antibody detected the POU2F1 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-POU2F1 antibody	The OCT1 transcription factor was among the first identified members of the POU transcription factor family (summarized by Sturm et al., 1993 [PubMed 8314572]). Members of this family contain the POU domain, a 160-amino acid region necessary for DNA binding to the octameric sequence ATGCAAAT.
References	Vuzman, D., et al. Biophys. J. 99(4):1202-1211(2010) Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) : Davila, S., et al. Genes Immun. 11(3):232-238(2010) Laurent, B., et al. Blood 115(3):687-695(2010) Becker, M.L., et al. Pharmacogenet. Genomics 20(1):38-44(2010)

NCBI AND UNIPROT INFORMATION

NCBI GI #	311771667
NCBI GeneID	5451
NCBI Accession #	NP_001185712.1; NP_001185715.1; NP_002688.3
NCBI GenBank Nucleotide #	NM_001198783.1
UniProt Accession #	P14859; Q5TBT7; Q6PK46; Q8NEU9; Q9BPV1; B1AL91; B1AL93; B4E029; J3KP77
Molecular Weight	76472
NCBI Official Full Name	POU domain, class 2, transcription factor 1 isoform 2
NCBI Official Synonym Full Names	POU class 2 homeobox 1
NCBI Official Symbol	POU2F1
NCBI Official Synonym Symbols	OCT1; OTF1; oct-1B
NCBI Protein Information	POU domain, class 2, transcription factor 1
UniProt Protein Name	POU domain, class 2, transcription factor 1
UniProt Gene Name	POU2F1
UniProt Synonym Gene Names	OCT1; OTF1; Oct-1; OTF-1
UniProt Entry Name	PO2F1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/pou2f1-antibody-immunohistochemistry-western-blot-elisa/284905>