

Rabbit POU2F2 Polyclonal Antibody | anti-POU2F2 antibody

POU2F2 Antibody (N-term)

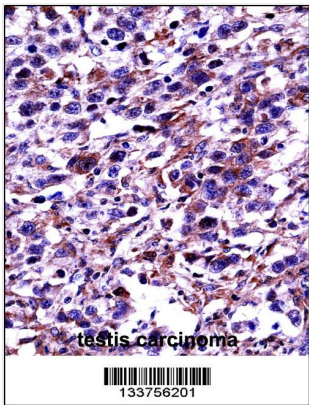
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA290311	Rabbit	Human (Predicted Reactivity: Mouse, Pig)	Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

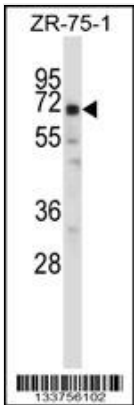
POU2F2; Polyclonal Antibody; POU2F2 Antibody (N-term); POU domain; class 2; transcription factor 2; Lymphoid-restricted immunoglobulin octamer-binding protein NF-A2; Octamer-binding protein 2; Oct-2; Octamer-binding transcription factor 2; OTF-2; OCT2; OTF2; anti-POU2F2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse, Pig)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This POU2F2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 10-39 amino acids from the N-terminal region of human POU2F2.
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: 0.25 (varies by lot)
Sequence Positions	10-39
Sequence Length	602
Applicable Applications for anti-POU2F2 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.



IHC (Immunohistochemistry)
POU2F2 Antibody (N-term) (AAA290311) immunohistochemistry analysis in formalin fixed and paraffin embedded human testis carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of POU2F2 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
POU2F2 Antibody (N-term) western blot analysis in ZR-75-1 cell line lysates (35ug/lane). This demonstrates the POU2F2 antibody detected the POU2F2 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-POU2F2 antibody	POU2F2 is a transcription factor that specifically binds to the octamer motif (5'-ATTGTCAT-3'). Regulates transcription in a number of tissues in addition to activating immunoglobulin gene expression. Modulates transcription transactivation by NR3C1, AR and PGR. Isoform 5 activates the U2 small nuclear RNA (snRNA) promoter.
References	Galetti, M., et al. Biochem. Pharmacol. 80(2):179-187(2010) Bailey, S.D., et al. Diabetes Care (2010) In press : Advani, A.S., et al. Leuk. Lymphoma 51(4):606-612(2010) Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009) Filipski, K.K., et al. Clin. Pharmacol. Ther. 86(4):396-402(2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	333360875
NCBI GeneID	5452
NCBI Accession #	NP_001193954.1; NP_001193955.1; NP_001234923.1; NP_002689.1
NCBI GenBank Nucleotide #	NM_001207025.2
UniProt Accession #	P09086; Q16648; Q7M4M8; Q9BRS4
Molecular Weight	51209
NCBI Official Full Name	POU domain, class 2, transcription factor 2 isoform 1
NCBI Official Synonym Full Names	POU class 2 homeobox 2
NCBI Official Symbol	POU2F2
NCBI Official Synonym Symbols	OCT2; OTF2; Oct-2
NCBI Protein Information	POU domain, class 2, transcription factor 2
UniProt Protein Name	POU domain, class 2, transcription factor 2
UniProt Gene Name	POU2F2
UniProt Synonym Gene Names	OCT2; OTF2; Oct-2; OTF-2
UniProt Entry Name	PO2F2_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://www.aaabiotech.com/polyclonal/pou2f2-antibody-immunohistochemistry-western-blot-elisa/290311>