Rabbit OCT2 Polyclonal Antibody | anti-OCT2 antibody

OCT2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA320866	**Rabbit**	**Human, Mouse, Rat, Monkey**	**ELISA, Immunocytochemistry, Immunofluorescence, Western Blot**

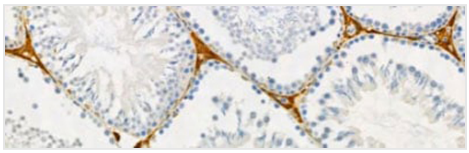
PRODUCT SYNONYMS

OCT2; Polyclonal Antibody; OCT2 Antibody; class 2; Lymphoid restricted immunoglobulin octamer binding protein; Lymphoid-restricted immunoglobulin octamer-binding protein NF-A2; NF A2; Oct 2; Oct-2; Octamer binding transcription factor 2; Octamer-binding protein 2; Octamer-binding transcription factor 2; OTF-2; OTF2; PO2F2_HUMAN; POU domain; POU domain class 2 transcription factor 2; POU2F2; transcription factor 2; anti-OCT2 antibody

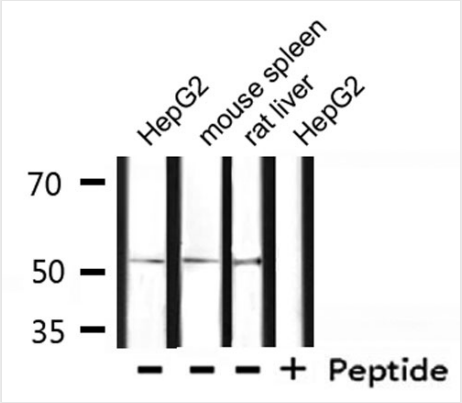
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat, Monkey
Clonality	Polyclonal
Specificity	OCT2 Antibody detects endogenous levels of total OCT2.
Purity/Purification	Peptide affinity purification
Form/Format	IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-OCT2 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide derived from human OCT2, corresponding to a region within N-terminal amino acids.
Preparation and Storage	Store at -20 °C.

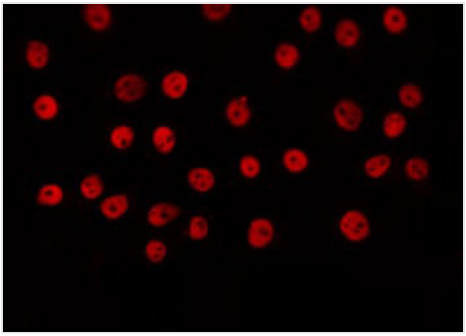
IMAGES



IHC (Immunohistochemisry)
AAA320866 at 1/100 staining Rat testis tissue by IHC-P. Thesample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



WB (Western Blot)
Western blot analysis of extracts from HepG2, mouse spleen, rat liver, using OCT2 Antibody.The lane on the right is treated with the antigen-specific peptide.



IF (Immunofluorescence)
AAA320866 staining COS7 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-OCT2 antibody	POU2F2 Transcription factor that specifically binds to the octamer motif (5'-ATTTGCAT-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. Belongs to the POU transcription factor family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	333360875
NCBI GeneID	5452
NCBI Accession #	NP_001193954.1
NCBI GenBank Nucleotide #	NM_001207025.2
UniProt Accession #	P09086; Q16648; Q7M4M8; Q9BRS4
Molecular Weight	52kDa
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

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/oct2-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/320866