

Rabbit anti-Human, Mouse OCT1 Polyclonal Antibody | anti-OCT1 antibody

Rabbit anti-OCT1 Antibody, Affinity Purified

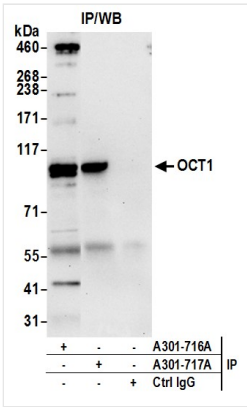
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211600	Rabbit	Human, Mouse	Immunohistochemistry, Immunoprecipitation

PRODUCT SYNONYMS

OCT1; Polyclonal Antibody; Rabbit anti-OCT1 Antibody; Affinity Purified; Octamer-binding transcription factor-1; POU class 2 homeobox 1 isoform Oct-1R; POU domain; class 2; transcription factor 1; OTF-1; OTF1; octamer-binding protein 1; oct-1B; oct-1; NF-A1; octamer-binding transcription factor 1; POU class 2 homeobox 1; anti-OCT1 antibody

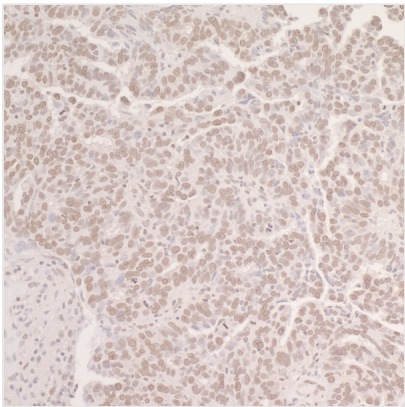
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-OCT1 antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation)
Predicted Reactivity	Rat, X. laevis, X. tropicalis, Chicken, Pig
Immunogen	Between 250 and 300
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt



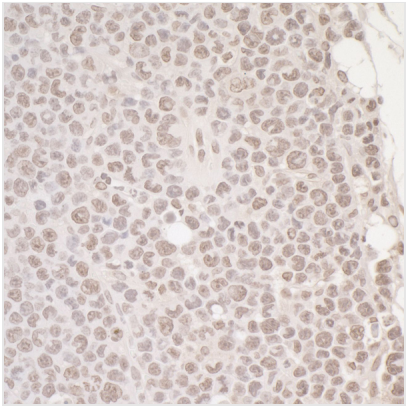
IP (Immunoprecipitation)

Detection of human OCT1 by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-OCT1 antibody AAA211600 (lot AAA211600-2) used for IP at 6 ug per reaction. OCT1 was also immunoprecipitated by rabbit anti-OCT1 antibody For blotting immunoprecipitated OCT1, AAA211600 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IHC (Immunohistochemistry)

Detection of human OCT1 by immunohistochemistry. Sample: FFPE section of human ovarian carcinoma. Antibody: Affinity purified rabbit anti-OCT1 (Cat. No. AAA211600 Lot2) used at a dilution of 1:1,000 (1ug/ml). Detection: DAB



IHC (Immunohistochemistry)

Detection of mouse OCT1 by immunohistochemistry. Sample: FFPE section of mouse renal cell carcinoma. Antibody: Affinity purified rabbit anti-OCT1 (Cat. No. AAA211600 Lot2) used at a dilution of 1:1,000 (1ug/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-OCT1 antibody	OCT1 is a transcription factor that binds the octamer motif 5'-ATTGTCAT-3' in promoters of various genes. OCT1 contains one homeobox DNA binding domain and is part of the POU transcription factor family due to the presence of one POU domain, a highly charged motif that selectively binds the octamer motif.
Product Categories/Family for anti-OCT1 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	42476164
NCBI GeneID	5451
NCBI Accession #	NP_002688.2
NCBI GenBank Nucleotide #	NM_002697.2
UniProt Accession #	P14859; Q5TBT7; Q6PK46; Q8NEU9; Q9BPV1; B1AL91; B1AL93; B4E029; J3KP77
Molecular Weight	72,082 Da

NCBI Official Full Name	POU domain, class 2, transcription factor 1
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/oct1-antibody-immunohistochemistry-immunoprecipitation-elisa/211600>