

Rabbit anti-Mouse Oct-4 Polyclonal Antibody | anti-Oct-4 antibody

Rabbit anti-Oct-4 Antibody, Affinity Purified

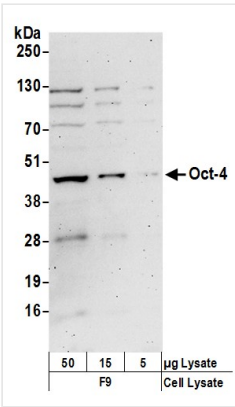
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212794	Rabbit	Mouse	Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

Oct-4; Polyclonal Antibody; Rabbit anti-Oct-4 Antibody; Affinity Purified; Otf3; POU domain; class 5; transcription factor 1; POU domain class 5 transcription factor 1 transcript variant 3 oct4b; POU domain class 5 transcription factor 1 transcript variant 2 oct4b'; Otf-4; Otf4; Otf3-rs7; Otf-3; octamer-binding transcription factor 4 alternative; NF-A3; octamer-binding protein 4; octamer-binding protein 3; Oct4; Oct-3/4; Oct3/4; Oct-3; Oct3; octamer-binding transcription factor 3; Otf3g; anti-Oct-4 antibody

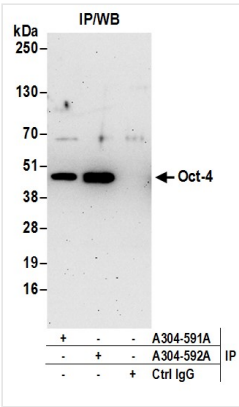
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	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-Oct-4 antibody	IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Human, Bovine, Pig, Monkey
Immunogen	Between 1 and 50
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt



WB (Western Blot)

Detection of mouse Oct-4 by western blot. Samples: Whole cell lysate (5, 15 and 50 ug) from F9 cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-Oct-4 antibody AAA212794 (lot AAA212794-1) used for WB at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



IP (Immunoprecipitation)

Detection of mouse Oct-4 by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from F9 cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-Oct-4 antibody AAA212794 (lot AAA212794-1) used for IP at 6 ug per reaction. Oct-4 was also immunoprecipitated by rabbit anti-Oct-4 antibody For blotting immunoprecipitated Oct-4, AAA212794 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.

ADDITIONAL INFORMATION

Related Product Information for anti-Oct-4 antibody	Oct-4 (Octamer-binding protein 4), also known as Oct 3/4, is a transcription factor that binds to the octamer motif (5'-ATTGTCAT-3'). Oct-4 forms a trimeric complex with SOX2 on DNA and controls the expression of a number of genes involved in embryonic development such as YES1, FGF4, UTF1 and ZFP206. It is critical for early embryogenesis and for embryonic stem cell pluripotency [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/P20263].
Product Categories/Family for anti-Oct-4 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	125490392
NCBI GeneID	18999
NCBI Accession #	NP_038661.2
NCBI GenBank Nucleotide #	NM_013633.3
UniProt Accession #	P20263; Q63843
Molecular Weight	38,216 Da
NCBI Official Full Name	POU domain, class 5, transcription factor 1 isoform 1
NCBI Official Synonym Full Names	POU domain, class 5, transcription factor 1
NCBI Official Symbol	Pou5f1
NCBI Official Synonym Symbols	Oct3; Oct4; Otf3; Otf4; NF-A3; Oct-3; Oct-4; Otf-3; Otf-4; Otf3g; Oct3/4; Oct-3/4; Otf3-rs7
NCBI Protein Information	POU domain, class 5, transcription factor 1
UniProt Protein Name	POU domain, class 5, transcription factor 1
UniProt Gene Name	Pou5f1
UniProt Synonym Gene Names	Oct-3; Oct-4; Otf-3; Otf3; Oct-3; Oct-4; OTF-3
UniProt Entry Name	PO5F1_MOUSE

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/oct-4-antibody-immunoprecipitation-western-blot-elisa/212794>