

OCT4/POU5F1 Antibody | anti-POU5F1 antibody

Goat anti-OCT4/POU5F1 Antibody

CATALOG #	REACTIVITY	APPLICATIONS
AAA61060	Tested: Human, MouseExpected from sequence similarity: Human, Mouse, Rat, Dog	Western Blot, ELISA

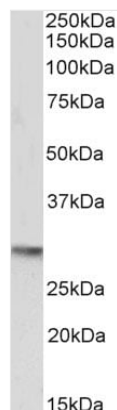
PRODUCT SYNONYMS

OCT4/POU5F1; Goat anti-OCT4/POU5F1 Antibody; POU5F1; OTF4; POU domain; class 5; transcription factor 1; HGNC: 9221; MGC22487; OCT3; OTF3; POU-type homeodomain-containing DNA-binding protein; octamer-binding transcription factor-3; POU class 5 homeobox 1; DADB-104B20.2; OCT4; tran; POU5F1 antibody; OTF4 antibody; transcription factor 1 antibody; HGNC: 9221 antibody; MGC22487 antibody; OCT3 antibody; OTF3 antibody; POU-type homeodomain-containing DNA-binding protein antibody; octamer-binding transcription factor-3 antibody; POU class 5 homeobox 1 antibody; DADB-104B20.2 antibody; OCT4 antibody; OCT4 / POU5F1; anti-POU5F1 antibody

PRODUCT SPECIFICATIONS

Reactivity	Tested: Human, Mouse Expected from sequence similarity: Human, Mouse, Rat, Dog
Purity/Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Form/Format	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Sequence	VTTLGSPMHS N
Sequence Length	360
Applicable Applications for anti-POU5F1 antibody	WB (Western Blot), ELISA (Peptide ELISA)
Immunogen	Peptide with sequence C-VTTLGSPMHSN, from the C Terminus of the protein sequence according to NP_002692.2; NP_976034.3.
Note	This antibody is expected to recognise both reported isoforms (NP_002692.2 and NP_976034.3)
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-8628
Preparation and Storage	Aliquot and store at -20°C. Minimize freezing and thawing.

IMAGES



WB (Western Blot)

AAA61060 (0.5ug/ml) staining of Mouse Heart lysate (35ug protein in RIPA buffer). Detected by chemiluminescence.



WB (Western Blot)

AAA61060 (2ug/ml) staining of Human Placenta lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

NCBI AND UNIPROT INFORMATION

NCBI GI #	42560248
NCBI GeneID	5460
NCBI Accession #	NP_002692.2; NP_976034.3
NCBI GenBank Nucleotide #	NM_002701.5
NCBI Official Full Name	POU domain, class 5, transcription factor 1 isoform 1
NCBI Official Synonym Full Names	POU class 5 homeobox 1
NCBI Official Symbol	POU5F1
NCBI Official Synonym Symbols	OCT3; OCT4; OTF3; OTF4; OTF-3; Oct-3; Oct-4
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	OCT3; OCT4; OTF3; Oct-3; Oct-4; OTF-3
UniProt Entry Name	PO5F1_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/dog-human-mouse-rat-antibody/oct4-pou5f1/61060>