

Rabbit anti-Human POU domain, class 5, transcription factor 1 Polyclonal Antibody | anti-POU5F1 antibody

Rabbit anti-human POU domain, class 5, transcription factor 1 polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA230565	Rabbit	Human	Immunohistochemistry, Western Blot, ELISA

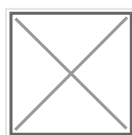
PRODUCT SYNONYMS

POU domain; class 5; transcription factor 1; Polyclonal Antibody; Rabbit anti-human POU domain; transcription factor 1 polyclonal Antibody; Octamer-binding protein 3; Oct-3; Octamer-binding protein 4; Oct-4; Octamer-binding transcription factor 3; OTF-3; POU5F1; OCT3; OCT4; OTF3; anti-POU5F1 antibody

PRODUCT SPECIFICATIONS

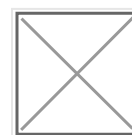
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Form/Format	Liquid
Sequence Length	265
Applicable Applications for anti-POU5F1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant human POU domain, class 5, transcription factor 1 protein
Conjugation	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300; Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-8628 / sc-8630 / sc-8629 / sc-9081 / sc-25401
Preparation and Storage	Shipped at 4 degree C. Upon delivery, aliquot and store at -20 degree C or -80 degree C.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human glioma cancer using AAA230565 at dilution of 1:100



WB (Western Blot)

Western Blot Positive WB detected in: HEK293 whole cell lysate, Mouse brain tissue. All lanes: Pou5f1 antibody at 3.4ug/ml. Secondary: Goat polyclonal to rabbit IgG at 1/50000 dilution. Predicted band size: 39,31 kDa. Observed band size: 39 kDa



WB (Western Blot)

Western blotAll lanes: POU domain, class 5, transcription factor 1 antibody at 2ug/mlLane 1: jurkat whole cell lysateLane 2: Hela whole cell lysateLane 3: 293T whole cell lysateSecondaryGoat polyclonal to Rabbit IgG at 1/10000 dilutionPredicted band size: 39,31 kDaObserved band size: 39 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-POU5F1 antibody	Transcription factor that binds to the octamer motif (5'-ATTTGCAT-3'). 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. Critical for early embryogenesis and for embryonic stem cell pluripotency.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	553727233
NCBI GeneID	5460
NCBI Accession #	NP_001272916.1
NCBI GenBank Nucleotide #	NM_001285987.1
UniProt Accession #	Q01860; P31359; Q15167; Q15168; Q16422; Q5STF3; Q5STF4; A6NCS1; A6NLL8; D2IYK4
Molecular Weight	30,085 Da
NCBI Official Full Name	POU domain, class 5, transcription factor 1 isoform 3
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/polyclonal/pou-domain-class-5-transcription-factor-1-antibody-immunohistochemistry-western-blot-elisa/230565>