

Rabbit anti-Mouse Pou5f1 Polyclonal Antibody | anti-Pou5f1 antibody

(Mouse) Pou5f1 Antibody (N-term)

CATALOG # AAA283796	HOST Rabbit	REACTIVITY Mouse	APPLICATIONS ELISA, Western Blot
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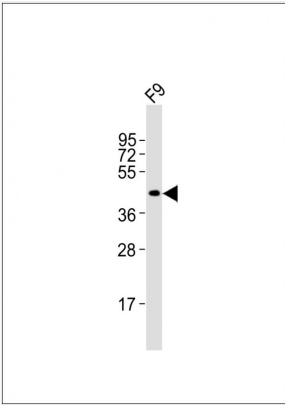
PRODUCT SYNONYMS

Pou5f1; Polyclonal Antibody; (Mouse) Pou5f1 Antibody (N-term); POU domain; class 5; transcription factor 1; NF-A3; Octamer-binding protein 3; Oct-3; Octamer-binding protein 4; Oct-4; Octamer-binding transcription factor 3; OTF-3; Otf-3; Otf3; anti-Pou5f1 antibody

PRODUCT SPECIFICATIONS

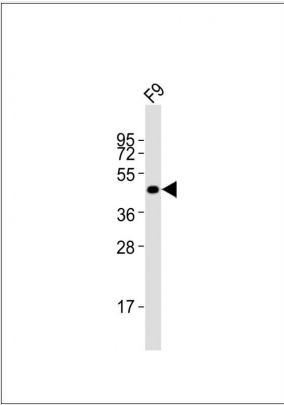
Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This Mouse Pou5f1 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 86-119 amino acids from the N-terminal region of Mouse Pou5f1.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Length	352
Applicable Applications for anti-Pou5f1 antibody	ELISA, WB (Western Blot)
Crown Antibody	Yes
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

Anti-Pou5f1 Antibody (N-term)at 1:2000 dilution + F9 whole cell lysatesLysates/proteins at 20 ug per lane.SecondaryGoat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilutionPredicted band size : 38 kDaBlocking/Dilution buffer: 5% NFDm/TBST.



WB (Western Blot)

Anti-Pou5f1 Antibody (N-term)at 1:2000 dilution + F9 whole cell lysatesLysates/proteins at 20 ug per lane.SecondaryGoat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilutionPredicted band size : 38 kDaBlocking/Dilution buffer: 5% NFDm/TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-Pou5f1 antibody	Transcription factor that binds to the octamer motif (5'-ATTGTCAT-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.
Product Categories/Family for anti-Pou5f1 antibody	Crown Antibodies; Stem Cells
References	Rosner M.H.,et al.Nature 345:686-692(1990). Schoeler H.R.,et al.Nature 344:435-439(1990). Okamoto K.,et al.Cell 60:461-472(1990). Okazawa H.,et al.EMBO J. 10:2997-3005(1991). Tsuruzoe S.,et al.Biochem. Biophys. Res. Commun. 351:920-926(2006).

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	38216
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

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/pou5f1-antibody-western-blot-elisa/283796>