

Datasheet

POU5F1 polyclonal antibody

Catalog Number: PAB10296

Regulatory Status: For research use only (RUO)

Product Description: Rabbit polyclonal antibody raised against synthetic peptide of POU5F1.

Immunogen: A synthetic peptide corresponding to internal region of human POU5F1.

Host: Rabbit

Reactivity:

Bovine, Chimpanzee, Dog, Horse, Human, Macaque, Mink, Mouse, Pig

Applications: ELISA, IF, IP, WB

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Specificity: This antibody reacts with human and mouse Oct-4 protein.

Form: Liquid

Recommend Usage: ELISA (1:350000)

Western Blot (1:1000-1:1500)

The optimal working dilution should be determined by the end user.

Storage Buffer: In 20 mM KH_2PO_4 , 150 mM NaCl, pH 7.2 (0.01% sodium azide)

Storage Instruction: Store at 4°C. For long term storage store at -20°C.

Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 5460

Gene Symbol: POU5F1

Gene Alias: MGC22487, OCT3, OCT4, OTF3, OTF4

References:

1. Oct-4 mRNA and protein expression during human preimplantation development. Cauffman G, Van de Velde H, Liebaers I, Van Steirteghem A. Mol Hum Reprod. 2005 Mar;11(3):173-81. Epub 2005 Feb 4.
2. Oct-4-expressing cells in human amniotic fluid: a new source for stem cell research? Prusa AR, Marton E, Rosner M, Bernaschek G, Hengstschlager M. Hum Reprod. 2003 Jul;18(7):1489-93.
3. High Oct-ane fuel powers the stem cell. Donovan PJ. Nat Genet. 2001 Nov;29(3):246-7.