ARG55713
anti-POU5F1B antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes POU5F1B
Tested Reactivity	Hu
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	POU5F1B
Species	Human
Immunogen	KLH-conjugated synthetic peptide corresponding to aa. 292-326 (C-terminus) of Human POU5F1B.
Conjugation	Un-conjugated
Alternate Names	OCT4-PG1; Octamer-binding protein 3-like; Oct4-pg1; Octamer-binding transcription factor 3-like; POU5F1P1; OCT4PG1; POU5F1P4; POU5FLC20; OTF3P1; OTF3C; POU5FLC8; Putative POU domain, class 5, transcription factor 1B

Application Instructions

Application table

Application	Dilution
WB	1:1000

Application Note: * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Positive Control: Human kidney

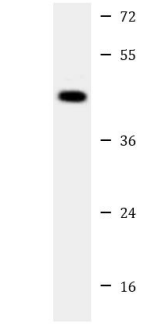
Properties

Form	Liquid
Purification	Purification with Protein A and immunogen peptide.
Buffer	PBS and 0.09% (W/V) sodium azide.
Preservative	0.09% (W/V) sodium azide.
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links	GeneID: 5462 Human
	Swiss-port # Q06416 Human
Gene Symbol	POU5F1B
Gene Full Name	POU class 5 homeobox 1B
Background	This intronless gene was thought to be a transcribed pseudogene of POU class 5 homeobox 1, however, it has been reported that this gene can encode a functional protein. The encoded protein is nearly the same length as and highly similar to the POU class 5 homeobox 1 transcription factor, has been shown to be a weak transcriptional activator and may play a role in carcinogenesis and eye development. [provided by RefSeq, Apr 2009]
Function	Shows weak transcriptional activator activity. [UniProt]
Calculated Mw	39 kDa
Cellular Localization	Nucleus {ECO:0000255|PROSITE- ProRule:PRU00108, ECO:0000255|PROSITE-ProRule:PRU00530, ECO:0000269|PubMed:18949397}

Images



ARG55713 anti-POU5F1B antibody WB image

Western blot: 20 µg of Human kidney lysate stained with ARG55713 anti-POU5F1B antibody at 1:1000 dilution.