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POU5F1B Antibody (C-term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP20933c

Product Information

Application	WB, E
Primary Accession	Q06416
Reactivity	Human
Predicted	Bovine, Canine, Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB51289
Calculated MW	38588

Additional Information

Gene ID	5462
Other Names	Putative POU domain, class 5, transcription factor 1B, Oct4-pg1, Octamer-binding protein 3-like, Octamer-binding transcription factor 3-like, POU5F1B
Target/Specificity	This POU5F1B antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 292-326 amino acids from the C-terminal region of human POU5F1B.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
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.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	POU5F1B Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	POU5F1B
Function	Shows weak transcriptional activator activity.
Cellular Location	Nucleus {ECO:0000255|PROSITE-ProRule:PRU00108,

ECO:0000255|PROSITE-ProRule:PRU00530, ECO:0000269|PubMed:18949397}
Cytoplasm

Tissue Location

Detected in epithelial cells of the prostate (at protein level) (PubMed:20017164). Detected at the mRNA level in several cancer tissues (breast, uterine cervix, lung, thyroid gland, esophagus, colon, urinary bladder, and glioma) (PubMed:16229821, PubMed:21341266)

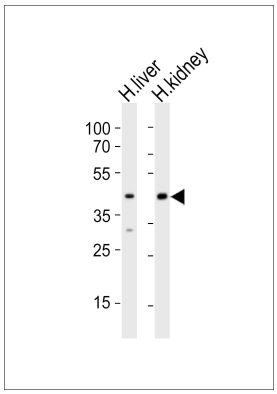
Background

Shows weak transcriptional activator activity.

References

Takeda J.,et al.Nucleic Acids Res. 20:4613-4620(1992).
Marques A.C.,et al.PLoS Biol. 3:E357-E357(2005).
van Roozendaal K.E.P.,et al.Submitted (MAY-2000) to the EMBL/GenBank/DDBJ databases.
Zhao F.-Q.,et al.Submitted (APR-2006) to the EMBL/GenBank/DDBJ databases.
Zhao S.,et al.Submitted (AUG-2010) to the EMBL/GenBank/DDBJ databases.

Images



Western blot analysis of lysates from human liver, human kidney tissue (from left to right), using POU5F1B Antibody (C-term)(Cat. #AP20933c). AP20933c was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysates at 20ug per lane.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.