

POU3F1 antibody - N-terminal region

Rabbit Polyclonal Antibody

Catalog # AI10458

Product Information

Application	WB, IHC
Primary Accession	Q03052
Other Accession	NM_002699 , NP_002690
Reactivity	Human, Mouse, Rat, Dog, Bovine
Predicted	Mouse, Pig, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	45496

Additional Information

Gene ID	5453
Alias Symbol	OCT6, OTF6, SCIP
Other Names	POU domain, class 3, transcription factor 1, Octamer-binding protein 6, Oct-6, Octamer-binding transcription factor 6, OTF-6, POU domain transcription factor SCIP, POU3F1, OCT6, OTF6
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 100 ul of distilled water. Final anti-POU3F1 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	POU3F1 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	POU3F1
Synonyms	OCT6, OTF6
Function	Transcription factor that binds to the octamer motif (5'- ATTTGCAT-3') (By similarity). Acts as a transcriptional activator when binding cooperatively with SOX4, SOX11, or SOX12 to gene promoters (By similarity). Acts as a transcriptional repressor of myelin-specific genes (By similarity).
Cellular Location	Nucleus {ECO:0000250 UniProtKB:P21952}.

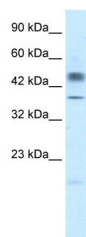
Tissue Location

Expressed in embryonal stem cells and in the developing brain

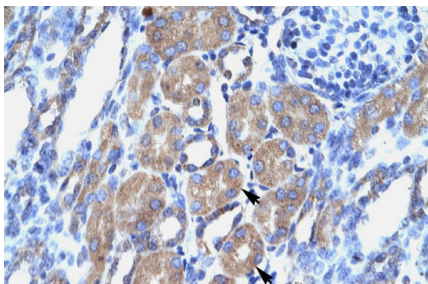
References

Sumiyama,K., et al., (1998) Mamm. Genome 9 (2), 180-181
Reconstitution and Storage:For short term use, store at 2-8C up to 1 week. For long term storage, store at -20C in small aliquots to prevent freeze-thaw cycles.
Publications:Hashimoto, Y. et al. Expression of organic anion-transporting polypeptide 1A2 and organic cation transporter 6 as a predictor of pathologic response to neoadjuvant chemotherapy in triple negative breast cancer. Breast Cancer Res. Treat. 145, 101-11 (2014). IHC, Bovine, Dog, Rabbit, Guinea pig, Rat, Mouse, Human24671357

Images



WB Suggested Anti-POU3F1 Antibody Titration: 2.5ug/ml
Positive Control: Jurkat cell lysate



Human kidney

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