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POU6F1 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant POU6F1.
Catalog # AT3387a

Product Information

Application	WB, E
Primary Accession	Q14863
Other Accession	NM_002702
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2a Kappa
Clone Names	6H1
Calculated MW	63068

Additional Information

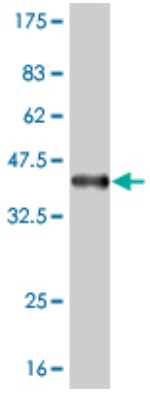
Gene ID	5463
Other Names	POU domain, class 6, transcription factor 1, Brain-specific homeobox/POU domain protein 5, Brain-5, Brn-5, mPOU homeobox protein, POU6F1, BRN5, MPOU, TCFB1
Target/Specificity	POU6F1 (NP_002693, 193 a.a. ~ 301 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 E~~N/A
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	POU6F1 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

References

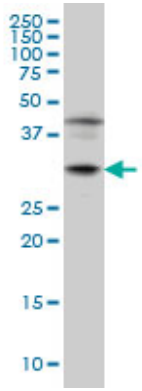
Transcription factor POU6F1 is important for proliferation of clear cell adenocarcinoma of the ovary and is a potential new molecular target. Suzuki N, et al. Int J Gynecol Cancer, 2010 Feb. PMID 20134265.POU6F1 is the transcription factor that might be involved in cell proliferation of clear cell adenocarcinoma of the ovary. Yoshioka N, et al. Hum Cell, 2009 Nov. PMID 19874398.Structure of human Brn-5 transcription factor in complex with CRH gene promoter. Pereira JH, et al. J Struct Biol, 2009 Aug. PMID 19450691.Crystallization and preliminary X-ray analysis of human Brn-5 transcription factor in complex with DNA. Pereira JH, et al. Acta Crystallogr Sect F Struct Biol Cryst Commun, 2008 Mar 1. PMID 18323601.Diversification of transcriptional modulation: large-scale identification and characterization of putative alternative promoters

of human genes. Kimura K, et al. Genome Res, 2006 Jan. PMID 16344560.

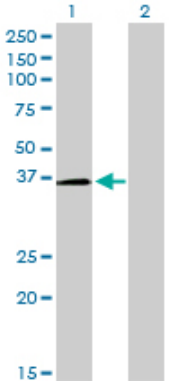
Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (37.73 KDa) .

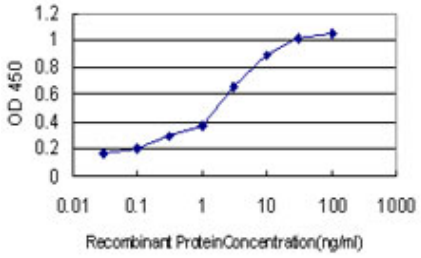


POU6F1 monoclonal antibody (M01), clone 6H1 Western Blot analysis of POU6F1 expression in Jurkat ((Cat # AT3387a)



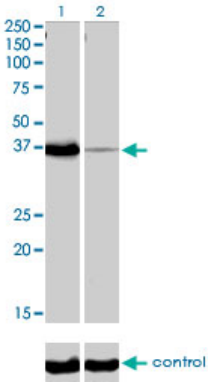
Western Blot analysis of POU6F1 expression in transfected 293T cell line by POU6F1 monoclonal antibody (M01), clone 6H1.

Lane 1: POU6F1 transfected lysate(32.6 KDa).
Lane 2: Non-transfected lysate.



Detection limit for recombinant GST tagged POU6F1 is approximately 0.03ng/ml as a capture antibody.

Western blot analysis of POU6F1 over-expressed 293 cell line, cotransfected with POU6F1 Validated Chimera RNAi ((Cat # AT3387a)



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