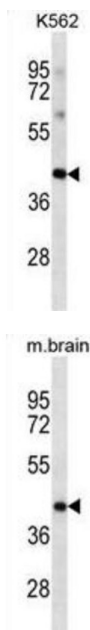


POU Class 5 Homeobox 1 / OCT4 (POU5F1) Antibody

Catalogue No.: abx025342



This gene encodes a transcription factor containing a POU homeodomain. This transcription factor plays a role in embryonic development, especially during early embryogenesis, and it is necessary for embryonic stem cell pluripotency. A translocation of this gene with the Ewing's sarcoma gene, t (6;22) (p21;q12), has been linked to tumor formation. Alternative splicing, as well as usage of alternative translation initiation codons, results in multiple isoforms, one of which initiates at a non-AUG (CUG) start codon. Related pseudogenes have been identified on chromosomes 1, 3, 8, 10, and 12. This antibody is supplied as crude ascites.

Target: POU Class 5 Homeobox 1 / OCT4 (POU5F1)

Clonality: Monoclonal

Reactivity: Human, Mouse

Tested Applications: ELISA, WB

Host: Mouse

Recommended dilutions: WB: 1/500 - 1/4000. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Immunogen: Human POU5F1 recombinant protein.

Isotype: IgM

Datasheet

Version: 4.0.0
Revision date: 13 Aug 2025



Form:	Liquid
Purification:	Unpurified crude ascites.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	Q01860 (UniProt , ExPASy)
KEGG:	hsa:5460
String:	9606.ENSP00000259915
Molecular Weight:	Calculated MW: 38.6 kDa
Buffer:	Ascites containing 0.09% sodium azide.
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only