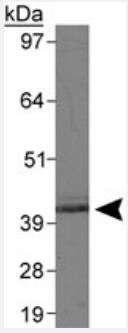
POU5F1 polyclonal antibody

Catalog # PAB12063 Size 100 uL

Applications



Western Blot (Tissue lysate)

Western blot analysis of POU5F1 in mouse brain lysate with POU5F1 polyclonal antibody (Cat # PAB12063).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of POU5F1.
Immunogen	A synthetic peptide corresponding to amino acids 100-200 of human POU5F1.
Host	Rabbit
Reactivity	Bovine, Cat, Human, Mouse, Pig, Primates
Form	Liquid
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	Flow Cytometry (1:50-1:200) Immunocytochemistry (1:50-1:200) Immunofluorescence (1:50-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris-glycine, 150 mM NaCl (0.05% sodium azide)
Storage Instruction	Store at -20°C or -80°C. Aliquot to avoid repeated freezing and thawing.

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Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunofluorescence
- Immunocytochemistry
- Flow Cytometry
- Western Blot (Tissue lysate)

  Western blot analysis of POU5F1 in mouse brain lysate with POU5F1 polyclonal antibody (Cat # PAB12063).

Gene Info — POU5F1

Entrez GeneID	5460
Gene Name	POU5F1
Gene Alias	MGC22487, OCT3, OCT4, OTF3, OTF4
Gene Description	POU class 5 homeobox 1
Omim ID	164177
Gene Ontology	Hyperlink
Gene Summary	class 5
Other Designations	OTTHUMP00000029292|POU domain, class 5, transcription factor 1|POU-type homeodomain-c ontaining DNA-binding protein|octamer-binding transcription factor-3

Publication Reference

- Oct4 is required for primordial germ cell survival.

  Kehler J, Tolkunova E, Koschorz B, Pesce M, Gentile L, Boiani M, Lomeli H, Nagy A, McLaughlin KJ, Scholer HR, Tomilin A.

  EMBO Reports 2004 Nov; 5(11):1078.

  Application: IHC-P, Mouse, Embryos, Ovaries

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Disease

- Abortion
- Genetic Predisposition to Disease
- Lupus Erythematosus
- Psoriasis
- Tobacco Use Disorder

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