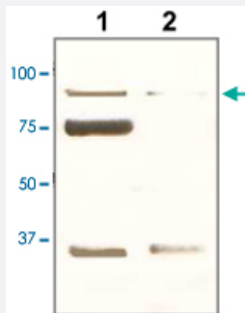


POU2F1 polyclonal antibody

Catalog # PAB12771 Size 100 ug

Applications

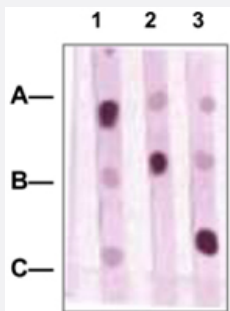


Western Blot (Tissue lysate)

The tissue lysate derived from mouse kidney was immunoprobed by POU2F1 polyclonal antibody (Cat # PAB12771) at 1 : 500.

An immunoreactive band is observed around ~89 kDa (1).

This band is abolished by pre-incubation with immunizing peptide (2).



Dot Blot (Peptide)

Dot Blot : 1 ug peptides was blotted onto NC membrane.

A : POU2F1

B : POU2F2

C : POU5F1

Followed by immunoblotting at a 1 : 1000 dilution by :

1 : POU2F1 polyclonal antibody (Cat # PAB12771)

2 : POU2F2 polyclonal antibody (Cat # PAB12772)

3 : POU5F1 polyclonal antibody (Cat # PAB12773)

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of POU2F1.
Immunogen	A synthetic peptide corresponding to C-terminus of human, mouse and rat POU2F1.
Host	Rabbit
Theoretical MW (kDa)	89
Reactivity	Human, Mouse, Rat
Specificity	This antibody recognizes ~89 KDa of POU2F1. It does not cross react with POU2F2, POU5F1.

Form	Liquid
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	Western Blot (0.1-1 ug/mL) ELISA (0.01-0.1 ug/mL) Immunoprecipitation (2-5 ug/mL) Immunohistochemistry (0.5-2 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In TBS, pH 7.2 (BSA, 10% Proclin300)
Storage Instruction	Store at 4°C. For long term storage store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

The tissue lysate derived from mouse kidney was immunoprobed by POU2F1 polyclonal antibody (Cat # PAB12771) at 1 : 500. An immunoreactive band is observed around ~89 kDa (1). This band is abolished by pre-incubation with immunizing peptide (2).

- Immunohistochemistry

- Immunoprecipitation

- Enzyme-linked Immunoabsorbent Assay

- Dot Blot (Peptide)

Dot Blot : 1 ug peptides was blotted onto NC membrane.

A : POU2F1

B : POU2F2

C : POU5F1

Followed by immunoblotting at a 1 : 1000 dilution by :

1 : POU2F1 polyclonal antibody (Cat # PAB12771)

2 : POU2F2 polyclonal antibody (Cat # PAB12772)

3 : POU5F1 polyclonal antibody (Cat # PAB12773)

Gene Info — POU2F1

Entrez GeneID

[5451](#)

Gene Name	POU2F1
Gene Alias	OCT1, OTF1
Gene Description	POU class 2 homeobox 1
Omim ID	164175
Gene Ontology	Hyperlink
Gene Summary	class 2
Other Designations	OTTHUMP00000032348 Octamer-binding transcription factor-1 POU domain, class 2, transcripti on factor 1

Gene Info — Pou2f1

Entrez GeneID	18986
Gene Name	Pou2f1
Gene Alias	2810482H01Rik, Oct-1, Otf-1, Otf1
Gene Description	POU domain, class 2, transcription factor 1
Gene Ontology	Hyperlink
Gene Summary	class 2
Other Designations	ubiquitous transcription factor

Gene Info — Pou2f1

Entrez GeneID	171068
Gene Name	Pou2f1
Gene Alias	-
Gene Description	POU domain, class 2, transcription factor 1
Gene Ontology	Hyperlink
Gene Summary	class 2
Other Designations	-

Publication Reference

- [The POU transcription factor Oct-1 represses virus-induced interferon A gene expression.](#)

Mesplede T, Island ML, Christeff N, Petek F, Doly J, Navarro S.

Molecular and Cellular Biochemistry 2005 Oct; 25(19):8717.

Application: Func, IP, Mouse, L929 cells

Disease

- [Alzheimer disease](#)
- [Celiac Disease](#)
- [Colitis](#)
- [Crohn Disease](#)
- [Disease Progression](#)
- [Disease Susceptibility](#)
- [Genetic Predisposition to Disease](#)
- [Hypertension](#)
- [Osteoporosis](#)
- [Rectal Fistula](#)
- [Tobacco Use Disorder](#)