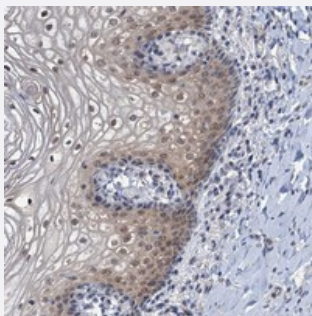


# POU1F1 polyclonal antibody

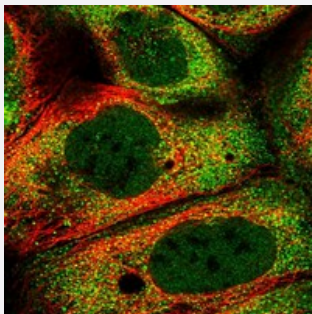
Catalog # PAB23836      Size 100 uL

## Applications



### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human vagina with POU1F1 polyclonal antibody (Cat # PAB23836) shows moderate nuclear positivity in squamous epithelial cells.



### Immunofluorescence

Immunofluorescent staining of human cell line A-431 with POU1F1 polyclonal antibody (Cat # PAB23836) at 1-4 ug/mL dilution shows positivity in nucleus but not nucleoli and cytoplasm.

## Specification

|                     |                                                                   |
|---------------------|-------------------------------------------------------------------|
| Product Description | Rabbit polyclonal antibody raised against recombinant POU1F1.     |
| Immunogen           | Recombinant protein corresponding to amino acids of human POU1F1. |
| Sequence            | CKLKAILSKWLEAEQVGALYNEKVGANERKRKRRTTISIAAKDALERHFGEQNKPSSEIMRMAE  |
| Host                | Rabbit                                                            |
| Reactivity          | Human                                                             |
| Form                | Liquid                                                            |

|                     |                                                                                                                                             |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| Purification        | Antigen affinity purification                                                                                                               |
| Isotype             | IgG                                                                                                                                         |
| Recommend Usage     | Immunohistochemistry (1:500-1:1000)<br>Immunofluorescence (1-4 ug/mL)<br>The optimal working dilution should be determined by the end user. |
| Storage Buffer      | In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)                                                                                           |
| Storage Instruction | Store at 4°C. For long term storage store at -20°C.<br>Aliquot to avoid repeated freezing and thawing.                                      |
| Note                | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.                      |

## Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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- Immunofluorescence

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## Gene Info — POU1F1

|                    |                           |
|--------------------|---------------------------|
| Entrez GeneID      | <a href="#">5449</a>      |
| Protein Accession# | <a href="#">P28069</a>    |
| Gene Name          | POU1F1                    |
| Gene Alias         | GHF-1, PIT1, Pit-1        |
| Gene Description   | POU class 1 homeobox 1    |
| Omim ID            | <a href="#">173110</a>    |
| Gene Ontology      | <a href="#">Hyperlink</a> |

**Gene Summary**

This gene encodes a member of the POU family of transcription factors that regulate mammalian development. The protein regulates expression of several genes involved in pituitary development and hormone expression. Mutations in this genes result in combined pituitary hormone deficiency. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

**Other Designations**

POU domain, class 1, transcription factor 1|growth hormone factor 1|pituitary specific transcription factor 1|pituitary-specific transcription factor 1

**Disease**

- [Adenocarcinoma](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Disease Progression](#)
- [Disease Susceptibility](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [HIV Infections](#)
- [Hypopituitarism](#)
- [Mental Retardation](#)
- [Obesity](#)
- [Ovarian Failure](#)
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