

**POU2F3 Polyclonal Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP57840**

## Specification

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### POU2F3 Polyclonal Antibody - Product Information

Application	IHC-P, WB
Primary Accession	<a href="#">O9UKI9</a>
Reactivity	Rat, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	47432

### POU2F3 Polyclonal Antibody - Additional Information

Gene ID 25833

#### Other Names

POU domain, class 2, transcription factor 3, Octamer-binding protein 11, Oct-11, Octamer-binding transcription factor 11, OTF-11, Transcription factor PLA-1, Transcription factor Skn-1, POU2F3, OTF11, PLA1

#### Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glycerol

#### Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

### POU2F3 Polyclonal Antibody - Protein Information

Name POU2F3 ([HGNC:19864](#))

Synonyms OTF11, PLA1

#### Function

Transcription factor that binds to the octamer motif (5'- ATTTGCAT-3') and regulates cell type-specific differentiation pathways. Involved in the regulation of keratinocytes differentiation (PubMed:<a href="http://www.uniprot.org/citations/11329378" target="\_blank">11329378</a>). The POU2F3-POU2AF2/POU2AF3 complex drives the expression of tuft-cell-specific genes, a rare chemosensory cells that coordinate immune and neural functions within mucosal epithelial tissues (PubMed:<a href="http://www.uniprot.org/citations/35576971" target="\_blank">35576971</a>).

#### Cellular Location

Nucleus {ECO:0000250|UniProtKB:P31362}.

#### Tissue Location

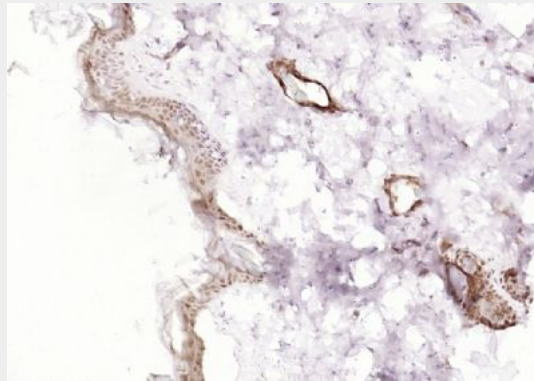
Specifically expressed in epidermis and cultured keratinocytes.

## POU2F3 Polyclonal Antibody - Protocols

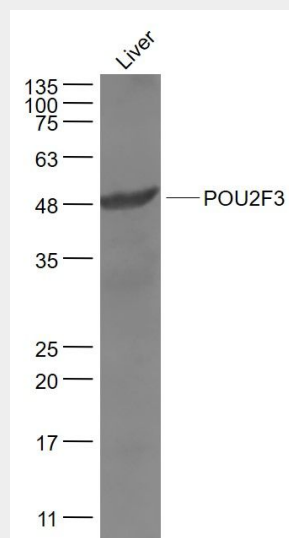
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## POU2F3 Polyclonal Antibody - Images



Paraformaldehyde-fixed, paraffin embedded (rat skin); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (POU2F3) Polyclonal Antibody, Unconjugated (bs-21046R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

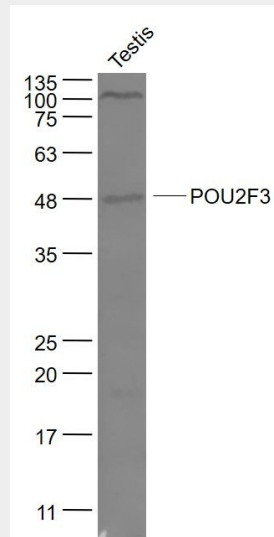


Sample:

Liver (Mouse) Lysate at 40 ug

Primary: Anti- POU2F3 (bs-21046R) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution  
Predicted band size: 47 kD  
Observed band size: 48 kD



**Sample:**

Testis (Mouse) Lysate at 40 ug  
Primary: Anti- POU2F3 (bs-21046R) at 1/1000 dilution  
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution  
Predicted band size: 47 kD  
Observed band size: 48 kD