

POU2F3 Antibody (internal region)
Peptide-affinity purified goat antibody
Catalog # AF3198a**Specification**

POU2F3 Antibody (internal region) - Product Information

Application	WB, E
Primary Accession	O9UKI9
Other Accession	NP_055167.2 , 25833
Reactivity	Human
Predicted	Rat, Dog
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	47432

POU2F3 Antibody (internal region) - 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

Dilution

WB~~1:1000

E~~N/A

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

POU2F3 Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

POU2F3 Antibody (internal region) - 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:11329378). 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:35576971).

Cellular Location

Nucleus {ECO:0000250|UniProtKB:P31362}.

Tissue Location

Specifically expressed in epidermis and cultured keratinocytes.

POU2F3 Antibody (internal region) - 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 Antibody (internal region) - Images

AF3198a (2 µg/ml) staining of HEK293 lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

POU2F3 Antibody (internal region) - References

Transcription factor human Skn-1a enhances replication of human papillomavirus DNA through the direct binding to two sites near the viral replication origin. Kukimoto I, Mori S, Sato H, Takeuchi T, Kanda T, The FEBS journal 2008 Jun 275 (12): 3123-35. PMID: 18479461