



# Anti-POU2F3 (aa 1-109) polyclonal antibody (DPAB-DC1246)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	This gene encodes a member of the POU domain family of transcription factors. POU domain transcription factors bind to a specific octamer DNA motif and regulate cell type-specific differentiation pathways. The encoded protein is primarily expressed in the epidermis, and plays a critical role in keratinocyte proliferation and differentiation. The encoded protein is also a candidate tumor suppressor protein, and aberrant promoter methylation of this gene may play a role in cervical cancer. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.
<b>Immunogen</b>	POU2F3 (NP_055167, 1 a.a. ~ 109 a.a) partial recombinant protein with GST tag. The sequence is MVNLESMHTDIKMSGDVADSTDARSTLSQVEPGNDRNGLDFNRQIKTEDLSDSLQQTLSH RPHLSQGPAMMSGNQMSGLNASPCQDMASLHPLQQLVLPVGHLSVVSQ
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB (Recombinant protein), ELISA,
<b>Size</b>	50 µl
<b>Buffer</b>	50 % glycerol
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">POU2F3 POU class 2 homeobox 3 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	POU2F3
<b>Synonyms</b>	POU2F3; POU class 2 homeobox 3; PLA1; OCT11; PLA-1; Epoc-1; OCT-11; OTF-11; Skn-1a; POU domain, class 2, transcription factor 3; octamer-binding protein 11; transcription factor PLA-1; transcription factor Skn-1; POU domain transcription factor OCT11a; octamer-binding transcription factor 11;
<b>Entrez Gene ID</b>	<a href="#">25833</a>
<b>Protein Refseq</b>	<a href="#">NP_001231611</a>
<b>UniProt ID</b>	<a href="#">Q9UKI9</a>
<b>Chromosome Location</b>	11q23.3
<b>Pathway</b>	Herpes simplex infection.
<b>Function</b>	RNA polymerase II core promoter proximal region sequence-specific DNA binding; RNA polymerase II core promoter proximal region sequence-specific DNA binding transcription factor activity involved in positive regulation of transcription; protein binding; p