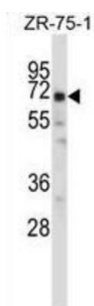
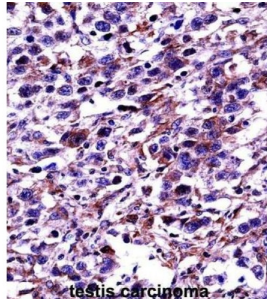


## POU Domain, Class 2, Transcription Factor 2 / OCT2 (POU2F2) Antibody

Catalogue No.: abx027637



POU2F2 is a transcription factor that specifically binds to the octamer motif (5'-ATTTGCAT-3'). Regulates transcription in a number of tissues in addition to activating immunoglobulin gene expression. Modulates transcription transactivation by NR3C1, AR and PGR. Isoform 5 activates the U2 small nuclear RNA (snRNA) promoter.

|                               |                                                                                                                             |
|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| <b>Target:</b>                | POU Domain, Class 2, Transcription Factor 2 / OCT2 (POU2F2)                                                                 |
| <b>Clonality:</b>             | Polyclonal                                                                                                                  |
| <b>Reactivity:</b>            | Human                                                                                                                       |
| <b>Tested Applications:</b>   | ELISA, WB, IHC                                                                                                              |
| <b>Host:</b>                  | Rabbit                                                                                                                      |
| <b>Recommended dilutions:</b> | WB: 1/1000, IHC-P: 1/10 - 1/50. Not tested in IHC-F. Optimal dilutions/concentrations should be determined by the end user. |
| <b>Conjugation:</b>           | Unconjugated                                                                                                                |
| <b>Immunogen:</b>             | KLH-conjugated synthetic peptide between 10-39 amino acids from the N-terminal region of human POU2F2.                      |
| <b>Isotype:</b>               | IgG                                                                                                                         |

# Datasheet

Version: 6.0.0

Revision date: 13 Aug 2025



|                            |                                                                                                                                            |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Form:</b>               | Liquid                                                                                                                                     |
| <b>Purification:</b>       | Purified through a protein A column, followed by peptide affinity purification.                                                            |
| <b>Storage:</b>            | Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.                                                                             |
| <b>UniProt Primary AC:</b> | P09086 ( <a href="#">UniProt</a> , <a href="#">ExPASy</a> )                                                                                |
| <b>Gene Symbol:</b>        | POU2F2                                                                                                                                     |
| <b>GeneID:</b>             | <a href="#">5452</a>                                                                                                                       |
| <b>OMIM:</b>               | <a href="#">164176</a>                                                                                                                     |
| <b>HGNC:</b>               | 9213                                                                                                                                       |
| <b>KEGG:</b>               | hsa:5452                                                                                                                                   |
| <b>Ensembl:</b>            | ENSG00000028277                                                                                                                            |
| <b>Molecular Weight:</b>   | Calculated MW: 51.2 kDa                                                                                                                    |
| <b>Buffer:</b>             | PBS containing 0.09% sodium azide.                                                                                                         |
| <b>Specificity:</b>        | Predicted to react with Mouse and Pig POU2F2.                                                                                              |
| <b>Note:</b>               | THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION. |