

bs-21046R**[Primary Antibody]****POU2F3 Rabbit pAb****Bioss**
ANTIBODIES

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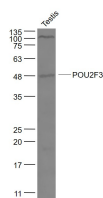
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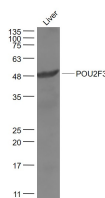
400-901-9800

— DATASHEET —

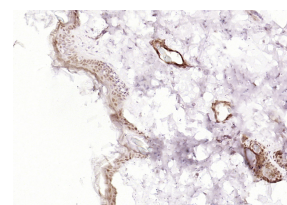
Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Reactivity: Mouse, Rat (predicted: Human, Rabbit, Sheep, Cow, Dog) Predicted MW.: 47 kDa Subcellular Location: Nucleus
Clonality: Polyclonal		
GeneID: 25833	SWISS: Q9UKI9	
Target: POU2F3		
Immunogen: KLH conjugated synthetic peptide derived from human POU2F3: 1-100/436.		
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
Background: 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. [provided by RefSeq, Sep 2011]		

— VALIDATION IMAGES —

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



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



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.

— SELECTED CITATIONS —

- **[IF=31.745]** Zhen Xiong. et al. Intestinal Tuft-2 cells exert antimicrobial immunity via sensing bacterial metabolite N-decanoylglycine. Immunity. 2022 Mar;; WB ;Mouse. 35320705
- **[IF=9]** Chen Peixin. et al. YAP1 expression is associated with survival and immunosuppression in small cell lung cancer. CELL DEATH DIS. 2023 Sep;14(9):1-14 IF ;Human. 37752152