

Anti-POU2F3 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Mouse,Rat (predicted:Human,Dog,Cow,Rabbit,Sheep)
Molecular Weight:	Theoretical: 47 kDa. Actual: 48 kDa.
Purification:	Protein A purified

Applications

1. Paraformaldehyde-fixed, paraffin embedded (rat skin); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 min; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (POU2F3) Polyclonal Antibody, Unconjugated (TMAB-01561) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.

2. Sample:

Liver (Mouse) Lysate at 40 µg

Primary: Anti-POU2F3 (TMAB-01561) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 47 kDa

Observed band size: 48 kDa

3. Sample:

Testis (Mouse) Lysate at 40 µg

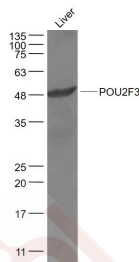
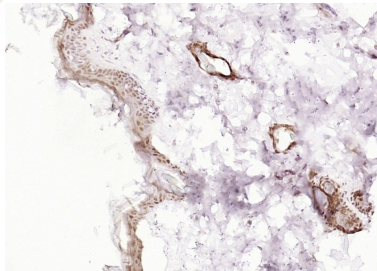
Primary: Anti-POU2F3 (TMAB-01561) at 1/1000 dilution

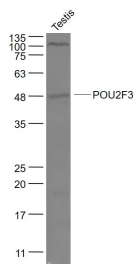
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 47 kDa

Observed band size: 48 kDa

Verified Activity:





Application: IF,IHC-Fr,IHC-P,WB

Recommended WB: 1:500-2000; IHC-P: 1:100-500; IHC-Fr: 1:100-500; IF: 1:100-500

Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

Immunogen: KLH conjugated synthetic peptide: human POU2F3

Antigen Species: Human

Gene ID: 25833

Uniprot ID: Q9UKI9

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

Research 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]

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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