

A3683

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POU2F1/OCT1 Rabbit mAb

Catalog No.: A3683

Recombinant

Basic Information

Observed MW

90kDa

Calculated MW

76kDa

Category

SMab Recombinant Monoclonal
Antibody

Applications

WB,IHC-P,ELISA

Cross-Reactivity

Human,Mouse

CloneNo number

ARC0822

Recommended Dilutions

WB	1:500 - 1:2000
IHC-P	1:50 - 1:200

Contact



www.abclonal.com

Background

The OCT1 transcription factor was among the first identified members of the POU transcription factor family (summarized by Sturm et al., 1993 [PubMed 8314572]). Members of this family contain the POU domain, a 160-amino acid region necessary for DNA binding to the octameric sequence ATGCAAAT.

Immunogen Information

Gene ID	Swiss Prot
5451	P14859

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-162 of human POU2F1/POU2F1/OCT1 (P14859).

Synonyms

OCT1; OTF1; Oct1Z; oct-1B; POU2F1/OCT1

Product Information

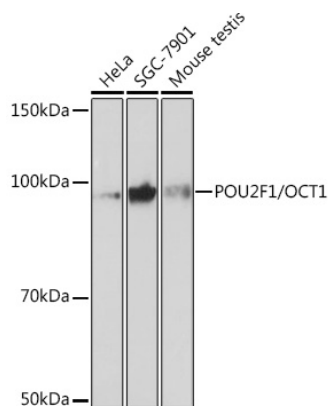
Source	Isotype	Purification
Rabbit	IgG	Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.

Validation Data



Western blot analysis of various lysates using POU2F1/POU2F1/OCT1 Rabbit mAb (A3683) at 1:1000 dilution.

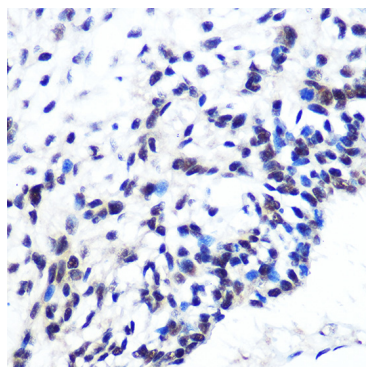
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

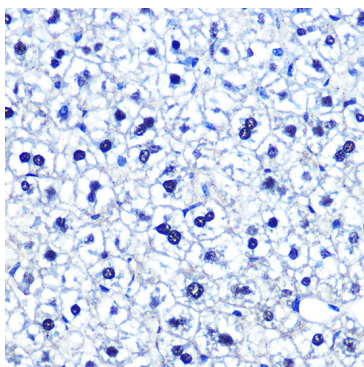
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 3min.



Immunohistochemistry analysis of paraffin-embedded human esophageal cancer using POU2F1/POU2F1/OCT1 Rabbit mAb (A3683) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunohistochemistry analysis of paraffin-embedded mouse liver using POU2F1/POU2F1/OCT1 Rabbit mAb (A3683) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.