A27420

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POU1F1 Rabbit pAb

Catalog No.: A27420

Basic Information

Observed MW
33kDa

Calculated MW
33kDa

Category
Polyclonal Antibody

Applications
WB,IHC-P,ELISA,IF-P

Cross-Reactivity
Human,Mouse,Rat

Background

This gene encodes a member of the POU family of transcription factors that regulate mammalian development. The protein regulates expression of several genes involved in pituitary development and hormone expression. Mutations in this genes result in combined pituitary hormone deficiency. Multiple transcript variants encoding different isoforms have been found for this gene.

Recommended Dilutions

WB	1:3000 - 1:12000
IF-P	1:100 - 1:1000
IHC-P	1:500 - 1:2000
ELISA	Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID
5449

Swiss Prot
P28069

Immunogen
Recombinant protein (or fragment).This information is considered to be commercially sensitive.

Synonyms
PIT1; CPHD1; GHF-1; Pit-1; POU1F1a

Product Information

Source
Rabbit

Isotype
IgG

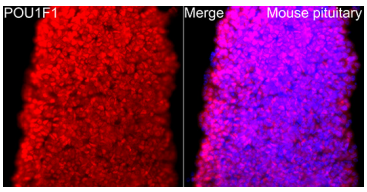
Purification
Affinity purification

Storage
Store at -20℃

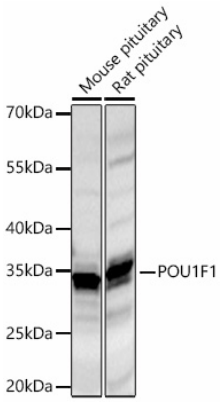
Contact

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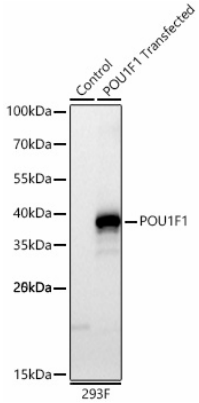
Validation Data



Immunofluorescence analysis of Mouse pituitary tissue using POU1F1 Rabbit pAb (A27420) at a dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L)(AS007) at 1:500 dilution. Blue: DAPI for nuclear staining. High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IF staining.

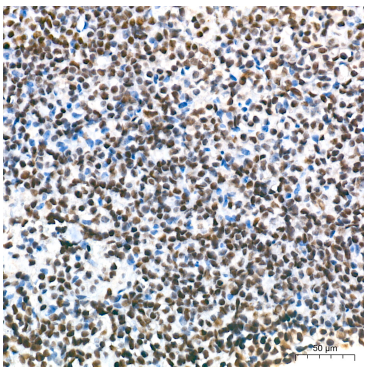


Western blot analysis of various lysates using POU1F1 Rabbit pAb (A27420) at 1:3000 dilution incubated overnight at 4℃.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 10s.



Western blot analysis of lysates from wild type (WT) and 293F cells transfected with POU1F1 using POU1F1 Rabbit pAb (A27420) at 1:3000 dilution incubated overnight at 4℃.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 20 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020)
.Exposure time: 5s.

Validation Data



Immunohistochemistry analysis of paraffin-embedded Mouse pituitary tissue using POU1F1 Rabbit pAb (A27420) at a dilution of 1:2000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.