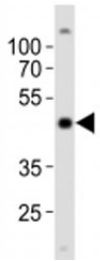
POU5F1 Antibody (F53089)

Catalog No.	Formulation	Size
F53089-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F53089-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	Q01860
Applications	Western Blot : 1:1000
Limitations	This POU5F1 antibody is available for research use only.



Western blot analysis of lysate from NCCIT cell line using POU5F1 antibody at 1:1000. Predicted molecular weight ~38/30kDa (isoform A/B), commonly observed at 38-45 kDa.

Description

Transcription factor that binds to the octamer motif (5'-ATTTGCAT-3'). Forms a trimeric complex with SOX2 on DNA and controls the expression of a number of genes involved in embryonic development such as YES1, FGF4, UTF1 and ZFP206. Critical for early embryogenesis and for embryonic stem cell pluripotency.

Application Notes

Titration of the POU5F1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

This POU5F1 antibody was produced from a rabbit immunized with a KLH conjugated synthetic peptide between 291-324 amino acids from the C-terminal region of human POU5F1.

Storage

Aliquot the POU5F1 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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