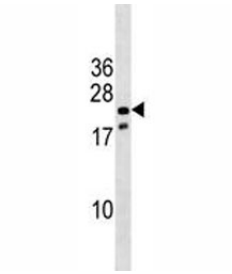
Nkx3.1 Antibody (F47247)

Catalog No.	Formulation	Size
F47247-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F47247-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Mouse
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	P97436
Applications	Western blot: 1:1000
Limitations	This Nkx3.1 antibody is available for research use only.



Nkx3.1 antibody western blot analysis in mouse stomach tissue lysate. Predicted molecular weight ~28 kDa, observed at 28-38 kDa.

Description

Transcription factor, which binds preferentially the consensus sequence 5'-TAAGT[AG]-3' and can behave as a transcriptional repressor (By similarity). Plays an important role in normal prostate development, regulating proliferation of glandular epithelium and in the formation of ducts in prostate. Act as a tumor suppressor controlling prostate carcinogenesis, as shown by the ability to suppress growth and tumorigenicity of prostate carcinoma cells. Play a role in the formation of minor salivary glands (particularly palatine and lingual glands). Essential for appropriate differentiation and secretory function of the bulbourethral gland.

Application Notes

Titration of the Nkx3.1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 3-1 from the mouse protein was used as the immunogen for this Nkx3.1 antibody.

Storage

Aliquot the Nkx3.1 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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