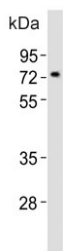


## Nr4a2 Antibody / Nurr1 (F54757)

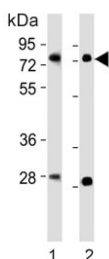
Catalog No.	Formulation	Size
F54757-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54757-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

[Bulk quote request](#)

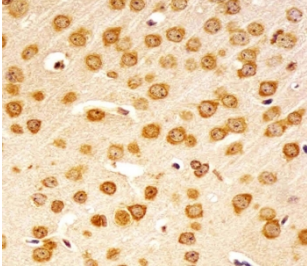
<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Mouse, Rat
<b>Format</b>	Purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit Ig
<b>Purity</b>	Antigen affinity purified
<b>UniProt</b>	Q06219
<b>Localization</b>	Cytoplasmic, nuclear
<b>Applications</b>	Western Blot : 1:1000-1:2000 Immunohistochemistry (FFPE) : 1:25
<b>Limitations</b>	This Nr4a2 antibody is available for research use only.



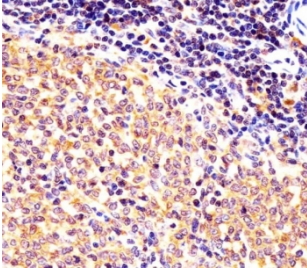
Western blot testing of mouse pancreas tissue lysate with Nr4a2 antibody. Predicted molecular weight ~67 kDa.



Western blot testing of 1) mouse brain and 2) rat brain tissue lysate with Nr4a2 antibody. Predicted molecular weight ~67 kDa.



IHC testing of FFPE mouse brain tissue with Nr4a2 antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



IHC testing of FFPE mouse spleen tissue with Nr4a2 antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.

## Description

Transcriptional regulator which is important for the differentiation and maintenance of meso-diencephalic dopaminergic (mdDA) neurons during development. It is crucial for expression of a set of genes such as SLC6A3, SLC18A2, TH and DRD2 which are essential for development of mdDA neurons. [UniProt]

## Application Notes

The stated application concentrations are suggested starting points. Titration of the Nr4a2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

A portion of amino acids 164-197 from the mouse protein was used as the immunogen for the Nr4a2 antibody.

## Storage

Aliquot the Nr4a2 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.