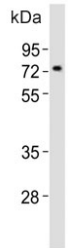
Nr4a2 Antibody / Nurr1 (F54757)

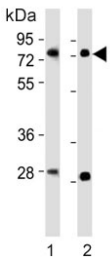
Catalog No.	Formulation	Size
F54757-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54757-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

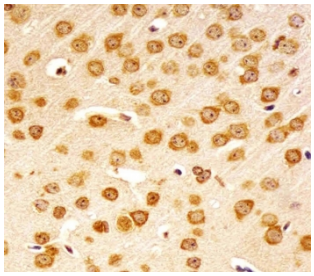
Availability	1-3 business days
Species Reactivity	Mouse, Rat
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity purified
UniProt	Q06219
Localization	Cytoplasmic, nuclear
Applications	Western blot: 1:1000-1:2000 Immunohistochemistry (FFPE): 1:25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



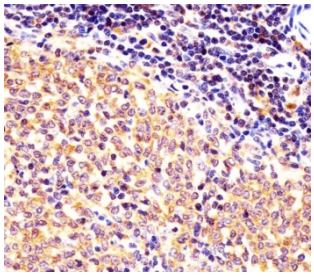
Western blot testing of mouse pancreas tissue lysate with Nr4a2 antibody. Predicted molecular weight ~67 kDa.



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.

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