

(Mouse) Nr4a2 Antibody (Center)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21233c

Specification

(Mouse) Nr4a2 Antibody (Center) - Product Information

| | |
|-------------------|------------------------|
| Application | WB, IHC-P,E |
| Primary Accession | Q06219 |
| Reactivity | Mouse, Rat |
| Host | Rabbit |
| Clonality | polyclonal |
| Isotype | Rabbit IgG |
| Calculated MW | 66593 |

(Mouse) Nr4a2 Antibody (Center) - Additional Information

Gene ID 18227

Target/Specificity

This mouse Nr4a2 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 164-197 amino acids from the Central region of mouse Nr4a2.

Dilution

WB~~1:2000

IHC-P~~1:25

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

(Mouse) Nr4a2 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

(Mouse) Nr4a2 Antibody (Center) - Protein Information

Name Nr4a2

Synonyms Nurr1

Function Transcriptional regulator which is important for the differentiation and maintenance of meso-diencephalic dopaminergic (mdDA) neurons during development (PubMed:[19144721](#)). 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 (PubMed:[19144721](#)).

Cellular Location

Cytoplasm {ECO:0000250|UniProtKB:P43354}. Nucleus {ECO:0000250|UniProtKB:P43354}.
Note=Mostly nuclear; oxidative stress promotes cytoplasmic localization.
{ECO:0000250|UniProtKB:P43354}

Tissue Location

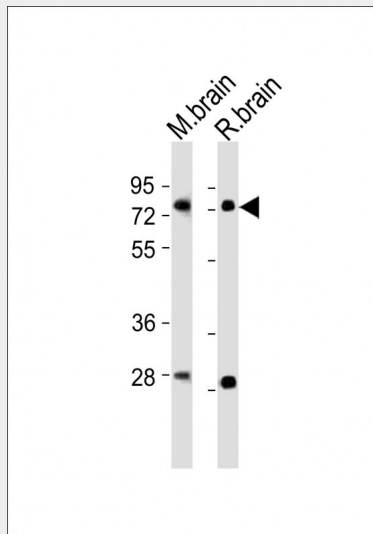
Brain.

(Mouse) Nr4a2 Antibody (Center) - Protocols

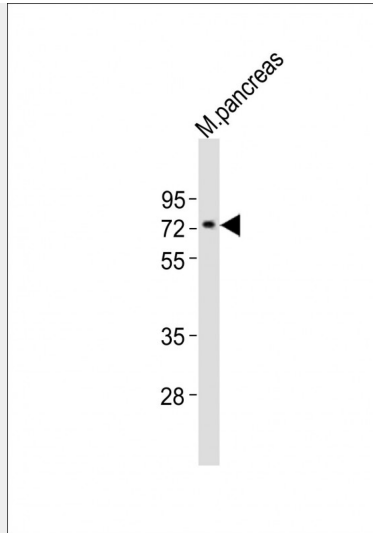
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

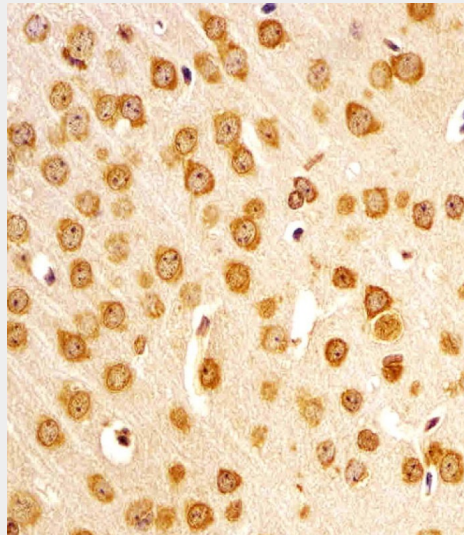
(Mouse) Nr4a2 Antibody (Center) - Images



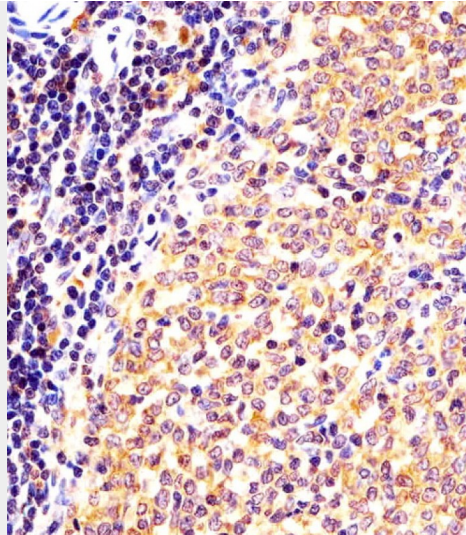
All lanes : Anti-Nr4a2 Antibody (Center) at 1:2000 dilution Lane 1: mouse brain lysates Lane 2: rat brain lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 67 kDa Blocking/Dilution buffer: 5% NFDM/TBST.



Anti-Nr4a2 Antibody (Center) at 1:2000 dilution + mouse pancreas lysates Lysates/proteins at 20 μ g per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 67 kDa Blocking/Dilution buffer: 5% NFD/MTBST.



AP21233c staining (Mouse) Nr4a2 in mouse brain sections by Immunohistochemistry (IHC-P - paraformaldehyde-fixed, paraffin-embedded sections). Tissue was fixed with formaldehyde and blocked with 3% BSA for 0.5 hour at room temperature; antigen retrieval was by heat mediation with a citrate buffer (pH6). Samples were incubated with primary antibody (1/25) for 1 hour at 37°C. A undiluted biotinylated goat polyvalent antibody was used as the secondary antibody.



AP21233c staining (Mouse) Nr4a2 in mouse spleen sections by Immunohistochemistry (IHC-P - paraformaldehyde-fixed, paraffin-embedded sections). Tissue was fixed with formaldehyde and blocked with 3% BSA for 0.5 hour at room temperature; antigen retrieval was by heat mediation with a citrate buffer (pH6). Samples were incubated with primary antibody (1/25) for 1 hour at 37°C. A undiluted biotinylated goat polyvalent antibody was used as the secondary antibody.