

NR4A2 antibody - C-terminal region

Rabbit Polyclonal Antibody Catalog # AI10410

Product Information

Application WB Primary Accession P43354

Other Accession <u>NM 006186, NP 006177</u>

Reactivity Human, Mouse, Rat, Zebrafish, Pig, Dog, Bovine

Predicted Human, Mouse, Rat, Zebrafish, Pig, Chicken, Dog, Bovine

Host Rabbit
Clonality Polyclonal
Calculated MW 66591

Additional Information

Gene ID 4929

Alias Symbol HZF-3, NOT, NURR1, RNR1, TINUR

Other Names Nuclear receptor subfamily 4 group A member 2, Immediate-early response

protein NOT, Orphan nuclear receptor NURR1, Transcriptionally-inducible

nuclear receptor, NR4A2, NOT, NURR1, TINUR

Format Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium

azide and 2% sucrose.

Reconstitution & Storage Add 50 ul of distilled water. Final anti-NR4A2 antibody concentration is 1

mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at

20°C. Avoid repeat freeze-thaw cycles.

Precautions NR4A2 antibody - C-terminal region is for research use only and not for use in

diagnostic or therapeutic procedures.

Protein Information

Name NR4A2

Synonyms NOT, NURR1, TINUR

Function Transcriptional regulator which is important for the differentiation and

maintenance of meso-diencephalic dopaminergic (mdDA) neurons during development (PubMed: 15716272, PubMed: 17184956). 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 (By similarity).

Cellular Location Cytoplasm. Nucleus. Note=Mostly nuclear; oxidative stress promotes

cytoplasmic localization

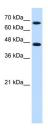
Tissue Location

Expressed in a number of cell lines of T-cell, B- cell and fibroblast origin. Strong expression in brain tissue

References

Holla, V.R., (2006) J. Biol. Chem. 281 (5), 2676-2682 Reconstitution and Storage: For short term use, store at 2-8C up to 1 week. For long term storage, store at -20C in small aliquots to prevent freeze-thaw cycles.

Images



WB Suggested Anti-NR4A2 Antibody Titration: .2-1 ug/ml Positive Control: Jurkat cell lysate

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.