



NR4A2 Polyclonal Antibody

Catalog No	YP-Ab-07197
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;ELISA
Gene Name	NR4A2 NOT NURR1 TINUR
Immunogen	Synthesized peptide derived from human protein . at AA range: 100-180
Specificity	NR4A2 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	NR4A2;NURR1;HZF 3;Immediate-early response protein NOT;NOT;NR4A2 NOT NURR1 TINUR;Nuclear receptor subfamily 4 group A member 2 (Immediate-early response protein NOT) (Orphan nuclear receptor NURR1) (Transcriptionally-inducible nuclear receptor)
Observed Band	66 kDa
Calculated Molecular Weight	66 kDa
Cell Pathway	Cytoplasm. Nucleus. Mostly nuclear; oxidative stress promotes cytoplasmic localization.
Tissue Specificity	Expressed in a number of cell lines of T-cell, B-cell and fibroblast origin. Strong expression in brain tissue.
Function	developmental stage:Rapidly and only very transiently expressed after cell activation, during the G0-G1 transition of the cell cycle.,function:Probable nuclear receptor. May function as a general coactivator of gene transcription. Detection of the protein in the brain, indicates that it is not mandatorily associated with cell cycle progression.,similarity:Belongs to the nuclear hormone receptor family.,similarity:Belongs to the nuclear hormone receptor family. NR4 subfamily.,similarity:Contains 1 nuclear receptor DNA-binding domain.,tissue specificity:Expressed in a number of cell lines of T-cell, B-cell and fibroblast

origin. Strong expression in brain tissue.,

Background

This gene encodes a member of the steroid-thyroid hormone-retinoid receptor superfamily. The encoded protein may act as a transcription factor. Mutations in this gene have been associated with disorders related to dopaminergic dysfunction, including Parkinson disease, schizophrenia, and manic depression. Misregulation of this gene may be associated with rheumatoid arthritis. Alternatively spliced transcript variants have been described, but their biological validity has not been determined. [provided by RefSeq, Jul 2008],

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images