

Datasheet for ABIN6978692

anti-NR4A2 antibody (AA 331-430) (AbBy Fluor® 555)



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Overview

Quantity:	100 µL
Target:	NR4A2
Binding Specificity:	AA 331-430
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NR4A2 antibody is conjugated to AbBy Fluor® 555
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Nurr1
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Predicted Reactivity:	Cow
Purification:	Purified by Protein A.

Target Details

Target:	NR4A2
Alternative Name:	Nurr1 (NR4A2 Products)

Target Details

Background: Synonyms: Nur-related factor 1, Nuclear receptor-related factor 1, Orphan nuclear receptor NR4A2, Orphan nuclear receptor NURR1, Regenerating liver nuclear receptor 1, RNR-1, SL-322, Nuclear orphan receptor HZF-3, T-cell nuclear receptor NOT,HZF 3, HZF3, Immediate-early response protein NOT, Intermediate early receptor protein, NGFI B/nur77 beta type transcription factor homolog, NOT, NR4A2, NR4A2_HUMAN, Nuclear receptor subfamily 4 group A member 2, Nur related protein 1 homolog, Nurr 1,RNR 1, RNR1, TINUR, Transcriptionally inducible nuclear receptor, Transcriptionally inducible nuclear receptor related, Transcriptionally inducible nuclear receptor related 1, Transcriptionally-inducible nuclear receptor.

Background: Nuclear receptor and transcription factor, plays a role in development and maintenance of neurons synthesizing the neurotransmitter dopamine 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. Four transcript variants encoding four distinct isoforms have been identified for this gene. Additional alternate splice variants may exist, but their full length nature has not been determined.

Gene ID:	4929
UniProt:	P43354
Pathways:	Nuclear Receptor Transcription Pathway , Dopaminergic Neurogenesis , Steroid Hormone Mediated Signaling Pathway

Application Details

Application Notes:	IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Handling

Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months