

Datasheet for ABIN1737608
anti-NR4A2 antibody (AA 513-526)



[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	NR4A2
Binding Specificity:	AA 513-526
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NR4A2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	Synthetic peptide comprising residues 513-526 [TERHGLKEPKRVEE] of the human Nurr1 protein. Based on 100% sequence homology, this antibody is also expected to cross react with rat and mouse Nurr1.
Isotype:	IgG
Specificity:	Reacts with human and rat Nurr1
Purification:	Antigen affinity purified

Target Details

Target:	NR4A2
Alternative Name:	Nurr1 (NR4A2 Products)

Target Details

Background:	The Nurr1 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's. Nurr1 is a stem cell marker and cooperates with PITX3 to promote terminal maturation of murine and human embryonic stem cell cultures to a midbrain dopamine neuron phenotype. In addition, Nurr1 is involved in the regulation of corticotropin-releasing hormone (CRH), which may be linked to and associated with rheumatoid arthritis.
Pathways:	Nuclear Receptor Transcription Pathway , Dopaminergic Neurogenesis , Steroid Hormone Mediated Signaling Pathway

Application Details

Application Notes:	Working dilution: Optimal dilution should be determined by the end user. The following are guidelines only : - IHC : 1/100 to 1/200 - WB : 1/1000 to 1/2000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS, Sodium azide 0.02 %
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C/-20 °C
Storage Comment:	Short term storage at +4°C. For extended periods store in aliquots at -20°C. Antibodies are guaranteed for 6 month from date of receipt.
Expiry Date:	6 months