

DESCRIPTION

Species Reactivity	Human/Mouse
Specificity	Detects human and mouse Nurr1/NGFI-B β /NR4A2 in direct ELISAs and Western blots.
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	<i>E. coli</i> -derived recombinant mouse Nurr1/NGFI-B β /NR4A2 Val332-Lys558 Accession # Q06219
Conjugate	Alexa Fluor 488 Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide
*Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.	

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. *General Protocols* are available in the Technical Information section on our website.

Western Blot	Optimal dilution of this antibody should be experimentally determined.
Immunocytochemistry	Optimal dilution of this antibody should be experimentally determined.
Immunohistochemistry	Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

BACKGROUND

Nurr1 belongs to the nerve growth factor-induced clone B subfamily of nuclear receptor superfamily and is designated NR4A2 in the Unified Nomenclature System for NRs. Nurr1 can function as a ligand-independent transcription factor. Nurr1 also heterodimerizes with retinoid X receptors (RXRs) to function as ligand-regulated transcription factor. Nurr1 is important for specification of dopaminergic neurons that degenerate in Parkinson's disease. Human and mouse Nurr1 share 99% amino acid sequence homology.

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