

Human Nurr1 Antibody Pair - BSA and Azide free ab305353

Recombinant RabMAb

2 Images

Overview

Product name	Human Nurr1 Antibody Pair - BSA and Azide free
Assay type	ELISA set
Range	78 pg/ml - 5000 pg/ml
Species reactivity	Reacts with: Human
Product overview	Human Nurr1 Antibody Pair - BSA and Azide free (ab305353) is a matched pair of unconjugated recombinant rabbit monoclonal capture and detection antibodies used to quantify Human Nurr1 in sandwich ELISAs and many other pair-based applications.
Notes	<p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p> <p>The pair can be used in variety of assays and platforms including but not limited to:</p> <p>Sandwich ELISA FRET/TR-FRET/HTRF Meso Scale Discovery[®] (MSD[®]) Bead-based assays AlphaLISA[®]/AlphaScreen[®] DELFI[®] immunoassays Simoa[®] and Single Molecule Counting (SMC[™]) immunoassays Multiplex</p> <p>Our antibody pairs are supplied in a carrier-free format that is conjugation-ready: Buffer free of BSA, sodium azide, and glycerol for higher conjugation efficiency. Concentration of ~1 mg/ml as measured by the protein A280 method. Use our conjugation kits for antibody conjugates that are ready-to-use in as little as 20 minutes with <1 minute hands-on-time and 100% antibody recovery: available for fluorescent dyes, HRP, biotin and gold.</p> <p>We can label antibodies for you: get in touch today to discuss how we can help accelerate your assay development with custom conjugation services.</p> <p>Pairs are screened in biological samples, including plasma and serum, to ensure specificity in complex samples.</p> <p>Please note:</p>

The recommended antibody orientation is based on internal optimization in sandwich ELISA. Antibody orientation is assay dependent and needs to be optimized for each assay type.

The range provided for this antibody pair is based on initial sandwich ELISA validation data using recombinant protein. Performance and range of the antibody pair will depend on the specific characteristics of your assay, including standard protein selection.

We guarantee the product works in sandwich ELISA, but we do not guarantee the sensitivity or dynamic range of the antibodies in other assays.

Antibody properties:

Capture antibody: recombinant rabbit monoclonal (unconjugated) – 100 µg

Detector antibody: recombinant rabbit monoclonal (unconjugated) - 100 µg

Concentration: ~1 mg/ml

Storage buffer: 100% PBS

Form: Liquid

Isotype: IgG

Recombinant monoclonal antibodies offer several advantages including:

- High batch-to-batch consistency and reproducibility
- Improved sensitivity and specificity
- Long-term security of supply
- Animal-free production

For more information [see here](#).

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Tested applications

Suitable for: Sandwich ELISA

Platform

Reagents

Properties

Storage instructions

Store at +4°C. Please refer to protocols.

Carrier free

Yes

Components	10 x 96 tests
<u>ab305354 - Human Nurr1 Capture Antibody (unconjugated)</u>	1 x 100µg
<u>ab305355 - Human Nurr1 Detector Antibody (unconjugated)</u>	1 x 100µg

Function

Transcriptional regulator which is important for the differentiation and maintenance of meso-diencephalic dopaminergic (mdDA) neurons during development. 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.

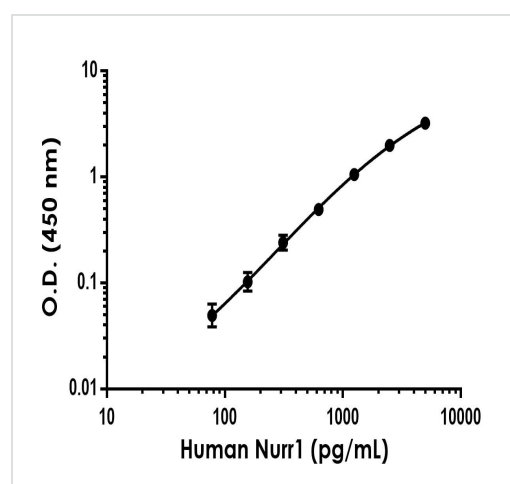
Tissue specificity	Expressed in a number of cell lines of T-cell, B-cell and fibroblast origin. Strong expression in brain tissue.
Sequence similarities	Belongs to the nuclear hormone receptor family. NR4 subfamily. Contains 1 nuclear receptor DNA-binding domain.
Developmental stage	Rapidly and only very transiently expressed after cell activation, during the G0-G1 transition of the cell cycle.
Cellular localization	Nucleus.

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab305353 in the following tested applications.
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
Sandwich ELISA		Use at an assay dependent concentration.

Images



Sandwich ELISA of ab305353 with the capture antibody dilution at 2 µg/mL and detector antibody dilution at 0.5 µg/mL.

Sandwich ELISA - Human Nurr1 Antibody Pair -
BSA and Azide free (ab305353)

Why choose a recombinant antibody?



Research with confidence
Consistent and reproducible results



Long-term and scalable supply
Recombinant technology



Success from the first experiment
Confirmed specificity



Ethical standards compliant
Animal-free production

Sandwich ELISA - Human Nurr1 Antibody Pair -
BSA and Azide free (ab305353)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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