

DATASHEET

Version: 2016-08-17

Nurr1 Antibody, pAb, Rabbit

Cat. No.: A01425-40

Size: 40 µg

Synonyms: RNR1 Antibody, pAb, Rabbit;

Description:

Nurr1 is a transcription factor and belongs to the Nur77 family of orphan receptors. This family of transcription factors plays key roles in the development and the effector functions of T lymphocytes. Nurr1 promote signaling via its heterodimerization partner, the retinoid X receptor (RXR). Nurr1 protein is expressed in the embryonic ventral midbrain and it is critical for the development of dopamine neurons. In addition, Nurr1 has been implicated in the maintenance of adult dopaminergic neurons.

GenScript Nurr1 Antibody, pAb, Rabbit is developed in rabbit using a KLH-coupled synthetic peptide within residues 310~360 of human Nurr1 protein (Swiss Prot: P43354).

Immunogen: KLH-coupled synthetic peptide within residues 310~360 of human Nurr1 protein (Swiss Prot: P43354)

Host: Rabbit

Antigen Synonyms: Human

Conjugation: Unconjugated

Formulation:

0.5 mg/ml, lyophilized with PBS, pH 7.4, containing 0.02% sodium azide

Ig Subclass: IgG

Specificity: GenScript Nurr1 Antibody, pAb, Rabbit

detects human Nurr1 protein. Predicted to react with rat and mouse Nurr1 protein according to sequence homology.

Purification: Immunoaffinity chromatography

Applications:

Working concentrations for specific applications should be determined by the investigator. The appropriate concentrations may be affected by secondary antibody affinity, antigen concentration, the sensitivity of the method of detection, temperature, the length of the incubations, and other factors. The suitability of this antibody for applications other than those listed below has not been determined. The following concentration ranges are recommended starting points for this product.

Western blot: 1-2 µg/ml

Other Applications: user-optimized

Species Reactivity: Human. Reactivity to other species is not tested yet.

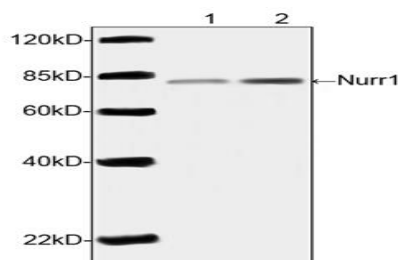
Reconstitution:

Reconstitute the lyophilized powder with deionized water (or equivalent) to an antibody concentration of 0.5 mg/ml.

Storage:

The antibody is stable in lyophilized form if stored at -20°C or below. The reconstituted antibody can be stored for 2-3 weeks at 2-8°C. For long term storage, aliquot and store at -20°C or below. Avoid repeated freezing and thawing cycles.

Example



Western blot analysis of extracts from HEK293 cells transfected with human Nurr1 for 48 hr (lane 1) and 72hr (lane 2) using **Nurr1 Antibody, pAb, Rabbit** (GenScript, A01425, 1 µg/ml). The signal was developed with IRDye™ 800 Conjugated Goat Anti-Rabbit IgG. Predicted Size: 80 kD. Observed Size: 80 kD.