

# NRIP2 (T-21): sc-133846

## BACKGROUND

NRIP2 (nuclear receptor interacting protein 2) is a 281 amino acid nuclear protein that downregulates transcriptional activation by nuclear receptors such as ROR $\beta$ . The gene encoding NRIP2 maps to human chromosome 12, which encodes over 1,100 genes and comprises approximately 4.5% of the human genome. Chromosome 12 is associated with a variety of diseases and afflictions, including hypochondrogenesis, achondrogenesis, Kniest dysplasia, Noonan syndrome and Trisomy 12p, which causes facial developmental defects and seizure disorders.

## REFERENCES

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## CHROMOSOMAL LOCATION

Genetic locus: NRIP2 (human) mapping to 12p13.33; Nrip2 (mouse) mapping to 6 F3.

## SOURCE

NRIP2 (T-21) is an affinity purified rabbit polyclonal antibody raised against synthetic NRIP2 peptide of mouse origin.

## PRODUCT

Each vial contains 50  $\mu$ g IgG in 500  $\mu$ l PBS with < 0.1% sodium azide, 0.1% gelatin and < 0.02% sucrose.

## STORAGE

Store at 4° C, **\*\*DO NOT FREEZE\*\***. Stable for one year from the date of shipment. Non-hazardous. No MSDS required.

## APPLICATIONS

NRIP2 (T-21) is recommended for detection of NRIP2 of mouse, rat and human origin by Western Blotting (starting dilution 1:200, dilution range 1:100-1:1000), immunoprecipitation [1-2  $\mu$ g per 100-500  $\mu$ g of total protein (1 ml of cell lysate)] and solid phase ELISA (starting dilution 1:30, dilution range 1:30-1:3000).

Suitable for use as control antibody for NRIP2 siRNA (h): sc-96104, NRIP2 siRNA (m): sc-150066, NRIP2 shRNA Plasmid (h): sc-96104-SH, NRIP2 shRNA Plasmid (m): sc-150066-SH, NRIP2 shRNA (h) Lentiviral Particles: sc-96104-V and NRIP2 shRNA (m) Lentiviral Particles: sc-150066-V.

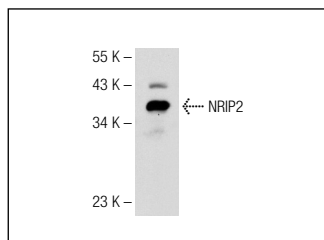
Molecular Weight of NRIP2: 31 kDa.

Positive Controls: HeLa whole cell lysate: sc-2200 or human cerebellum tissue extract.

## RECOMMENDED SECONDARY REAGENTS

To ensure optimal results, the following support (secondary) reagents are recommended: 1) Western Blotting: use goat anti-rabbit IgG-HRP: sc-2004 (dilution range: 1:2000-1:100,000) or Cruz Marker™ compatible goat anti-rabbit IgG-HRP: sc-2030 (dilution range: 1:2000-1:5000), Cruz Marker™ Molecular Weight Standards: sc-2035, TBS Blotto A Blocking Reagent: sc-2333 and Western Blotting Luminol Reagent: sc-2048. 2) Immunoprecipitation: use Protein A/G PLUS-Agarose: sc-2003 (0.5 ml agarose/2.0 ml).

## DATA



NRIP2 (T-21): sc-133846. Western blot analysis of NRIP2 expression in HeLa whole cell lysate.

## RESEARCH USE

For research use only, not for use in diagnostic procedures.

## PROTOCOLS

See our web site at [www.scbt.com](http://www.scbt.com) or our catalog for detailed protocols and support products.