



NRIP2 (E-12): sc-161961

BACKGROUND

NRIP2 (nuclear receptor interacting protein 2) is a 281 amino acid nuclear protein that downregulates transcriptional activation by nuclear receptors such as ROR β . 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.

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CHROMOSOMAL LOCATION

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

SOURCE

NRIP2 (E-12) is an affinity purified goat polyclonal antibody raised against a peptide mapping near the N-terminus of NRIP2 of human origin.

PRODUCT

Each vial contains 200 μ g IgG in 1.0 ml of PBS with < 0.1% sodium azide and 0.1% gelatin.

Blocking peptide available for competition studies, sc-161961 P, (100 μ g peptide in 0.5 ml PBS containing < 0.1% sodium azide and 0.2% BSA).

Available as TransCruz reagent for Gel Supershift and ChIP applications, sc-161961 X, 200 μ g/0.1 ml.

APPLICATIONS

NRIP2 (E-12) 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), immunofluorescence (starting dilution 1:50, dilution range 1:50-1:500) and solid phase ELISA (starting dilution 1:30, dilution range 1:30-1:3000); non cross-reactive with NRIP or NRIP3.

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.

NRIP2 (E-12) X TransCruz antibody is recommended for Gel Supershift and ChIP applications.

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 donkey anti-goat IgG-HRP: sc-2020 (dilution range: 1:2000-1:100,000) or Cruz Marker™ compatible donkey anti-goat IgG-HRP: sc-2033 (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) Immunofluorescence: use donkey anti-goat IgG-FITC: sc-2024 (dilution range: 1:100-1:400) or donkey anti-goat IgG-TR: sc-2783 (dilution range: 1:100-1:400) with UltraCruz™ Mounting Medium: sc-24941.

STORAGE

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

RESEARCH USE

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

PROTOCOLS

See our web site at www.scbt.com or our catalog for detailed protocols and support products.