

Peregrin (N-16): sc-103110

BACKGROUND

Peregrin, also called BRPF1 or BR140, is a 1,214 amino acid bromodomain and PHD finger-containing protein. Localized to the nucleus and expressed ubiquitously with the highest levels of expression in testis and spermatogonia, Peregrin is a zinc-finger protein that is thought to be a transcriptional activator. Peregrin contains one C-terminal PWWP domain and, because of its similarity with transcriptional coactivators such as TAF II p250, is thought to be a DNA-binding protein. The gene encoding Peregrin is disrupted in myeloid leukemia, suggesting a possible role in carcinogenesis. Due to alternative splicing, two isoforms of the Peregrin protein exist.

REFERENCES

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3. Gregorini, A., et al. 1997. Gene BR140, which is related to AF10 and AF17, maps to chromosome band 3p25. *Genes Chromosomes Cancer* 17: 269-272.
4. McCullagh, P., et al. 2000. The cloning, mapping and expression of a novel gene, BRL, related to the AF10 leu-kaemia gene. *Oncogene* 18: 7442-7452.
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CHROMOSOMAL LOCATION

Genetic locus: BRPF1 (human) mapping to 3p25.3; Brpf1 (mouse) mapping to 6 E3.

SOURCE

Peregrin (N-16) is an affinity purified rabbit polyclonal antibody raised against a peptide mapping near the N-terminus of Peregrin of human origin.

PRODUCT

Each vial contains 100 µg IgG in 1.0 ml of PBS with < 0.1% sodium azide and 0.1% gelatin. Also available as TransCruz reagent for Gel Supershift and ChIP applications, sc-103110 X, 200 µg/0.1 ml.

Blocking peptide available for competition studies, sc-103110 P, (100 µg peptide in 0.5 ml PBS containing < 0.1% sodium azide and 0.2% BSA).

APPLICATIONS

Peregrin (N-16) is recommended for detection of Peregrin 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).

Peregrin (N-16) is also recommended for detection of Peregrin in additional species, including equine, canine, bovine, porcine and avian.

Suitable for use as control antibody for Peregrin siRNA (h): sc-78127, Peregrin shRNA Plasmid (h): sc-78127-SH and Peregrin shRNA (h) Lentiviral Particles: sc-78127-V.

Peregrin (N-16) X TransCruz antibody is recommended for Gel Supershift and ChIP applications.

Molecular Weight of Peregrin: 150 kDa.

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) Immunofluorescence: use goat anti-rabbit IgG-FITC: sc-2012 (dilution range: 1:100-1:400) or goat anti-rabbit IgG-TR: sc-2780 (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.


 MONOS
Satisfaction
Guaranteed

Try **Peregrin (2093C5a): sc-81059**, our highly recommended monoclonal alternative to Peregrin (N-16).