

KIAA1529 (N-20): sc-243190

BACKGROUND

Chromosome 9 consists of about 145 million bases and 4% of the human genome and encodes nearly 900 genes. Considered to play a role in gender determination, deletion of the distal portion of 9p can lead to development of male to female sex reversal, the phenotype of a female with a male X,Y genotype. Hereditary hemorrhagic telangiectasia, which is characterized by harmful vascular defects, is associated with the chromosome 9 gene encoding Endoglin protein, ENG. Familial dysautonomia is also associated with chromosome 9 through the gene IKBKAP. Notably, chromosome 9 encompasses the largest interferon family gene cluster. Chromosome 9 is partnered with chromosome 22 in the translocation leading to the aberrant production of Bcr-Abl fusion protein often found in leukemias. The KIAA1529 gene product has been provisionally designated KIAA1529 pending further characterization.

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CHROMOSOMAL LOCATION

Genetic locus: KIAA1529 (human) mapping to 9q22.33.

SOURCE

KIAA1529 (N-20) is an affinity purified goat polyclonal antibody raised against a peptide mapping at the N-terminus of KIAA1529 of human origin.

PRODUCT

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

Blocking peptide available for competition studies, sc-243190 P, (100 µg peptide in 0.5 ml PBS containing < 0.1% sodium azide and 0.2% BSA).

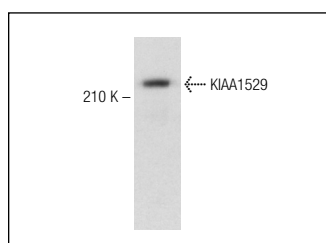
APPLICATIONS

KIAA1529 (N-20) is recommended for detection of KIAA1529 of human origin by Western Blotting (starting dilution 1:200, dilution range 1:100-1:1000), immunoprecipitation [1-2 µg per 100-500 µg of total protein (1 ml of cell lysate)], 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).

Suitable for use as control antibody for KIAA1529 siRNA (h): sc-92940, KIAA1529 shRNA Plasmid (h): sc-92940-SH and KIAA1529 shRNA (h) Lentiviral Particles: sc-92940-V.

Positive Controls: HS 181.Tes whole cell lysate.

DATA



KIAA1529 (N-20): sc-243190. Western blot analysis of KIAA1529 expression in HS 181.Tes whole cell lysate.

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.