

VEST1 (P-22): sc-134147

BACKGROUND

Made up of nearly 146 million bases, chromosome 8 encodes about 800 genes. Translocation of portions of chromosome 8 with amplifications of the c-Myc gene are found in some leukemias and lymphomas, and are typically associated with a poor prognosis. Portions of chromosome 8 have been linked to schizophrenia and bipolar disorder. Trisomy 8, also known as Warkany syndrome 2, most often results in early miscarriage but is occasionally seen in a mosaic form in surviving patients who suffer to a varying degree from a number of symptoms, including retarded mental and motor development, and certain facial and developmental defects. WRN is a DNA helicase encoded by chromosome 8 and shown defective in those with the early aging disorder Werner syndrome. Chromosome 8 is also associated with Pfeiffer syndrome, congenital hypothyroidism and Waardenburg syndrome. The VEST1 gene product has been provisionally designated VEST1 pending further characterization.

REFERENCES

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STORAGE

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

CHROMOSOMAL LOCATION

Genetic locus: C8orf34 (human) mapping to 8q13.2; A830018L16Rik (mouse) mapping to 1 A2.

SOURCE

VEST1 (P-22) is an affinity purified rabbit polyclonal antibody raised against synthetic VEST1 peptide of human origin.

PRODUCT

Each vial contains 50 µg IgG in 500 µl PBS with < 0.1% sodium azide, 0.1% gelatin and < 0.02% sucrose.

APPLICATIONS

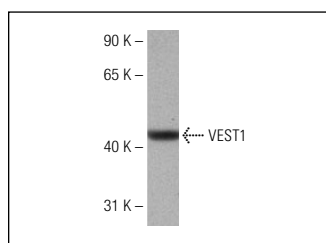
VEST1 (P-22) is recommended for detection of VEST1 of mouse, rat and human origin by Western Blotting (starting dilution 1:200, dilution range 1:100-1:1000), immunoprecipitation [1-2 µg per 100-500 µg of total protein (1 ml of cell lysate)] and solid phase ELISA (starting dilution 1:30, dilution range 1:30-1:3000).

Suitable for use as control antibody for VEST1 siRNA (h): sc-77849, VEST1 siRNA (m): sc-155099, VEST1 shRNA Plasmid (h): sc-77849-SH, VEST1 shRNA Plasmid (m): sc-155099-SH, VEST1 shRNA (h) Lentiviral Particles: sc-77849-V and VEST1 shRNA (m) Lentiviral Particles: sc-155099-V.

Molecular Weight of VEST1: 47 kDa.

Positive Controls: HeLa whole cell lysate: sc-2200.

DATA



VEST1 (P-22): sc-134147. Western blot analysis of VEST1 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 or our catalog for detailed protocols and support products.