

C19orf26 (K-17): sc-242108

BACKGROUND

Consisting of around 63 million bases with over 1,400 genes, chromosome 19 makes up over 2% of human genomic DNA. Chromosome 19 includes a diversity of interesting genes and is recognized for having the greatest gene density of the human chromosomes. It is the genetic home for a number of immunoglobulin superfamily members including the killer cell and leukocyte Ig-like receptors, a number of ICAMs, the CEACAM and PSG family, and Fc α receptors. Key genes for eye color and hair color also map to chromosome 19. Peutz-Jeghers syndrome, spinocerebellar ataxia type 6, the stroke disorder CADASIL, hypercholesterolemia and Insulin-dependent diabetes have been linked to chromosome 19. Translocations with chromosome 19 and chromosome 14 can be seen in some lymphoproliferative disorders and typically involve the proto-oncogene Bcl-3. The C19orf26 gene product has been provisionally designated C19orf26 pending further characterization.

REFERENCES

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CHROMOSOMAL LOCATION

Genetic locus: C19orf26 (human) mapping to 19p13.3; Dos (mouse) mapping to 10 C1.

SOURCE

C19orf26 (K-17) is an affinity purified goat polyclonal antibody raised against a peptide mapping within an internal region of C19orf26 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-242108 P, (100 μ g peptide in 0.5 ml PBS containing < 0.1% sodium azide and 0.2% BSA).

APPLICATIONS

C19orf26 (K-17) is recommended for detection of C19orf26 of human origin, Dos of mouse origin and the corresponding rat homolog by Western Blotting (starting dilution 1:200, dilution range 1:100-1:1000), immunoprecipitation [1-2 μ g per 100-500 μ g 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).

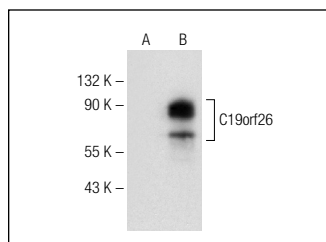
C19orf26 (K-17) is also recommended for detection of C19orf26 in additional species, including canine and porcine.

Suitable for use as control antibody for C19orf26 siRNA (h): sc-97650, Dos siRNA (m): sc-143146, C19orf26 shRNA Plasmid (h): sc-97650-SH, Dos shRNA Plasmid (m): sc-143146-SH, C19orf26 shRNA (h) Lentiviral Particles: sc-97650-V and Dos shRNA (m) Lentiviral Particles: sc-143146-V.

Molecular Weight of C19orf26: 76/47 kDa.

Positive Controls: C19orf26 (h): 293T Lysate: sc-114775.

DATA



C19orf26 (K-17): sc-242108. Western blot analysis of C19orf26 expression in non-transfected: sc-117752 (A) and human C19orf26 transfected: sc-114775 (B) 293T whole cell lysates.

STORAGE

Store at 4 $^{\circ}$ 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.


 MONOS
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Try **C19orf26 (A-11): sc-393861**, our highly recommended monoclonal alternative to C19orf26 (K-17).