

▶ TEX264 (137.1): sc-100944

BACKGROUND

TEX264 (testis expressed 264), also known as SIG11 or ZSIG11, is a 313 amino acid secreted protein expressed in testis. The gene encoding TEX264 is located on chromosome 3 and is upregulated in Sporadic Parkinson's disease (PD), a neurodegenerative disorder characterized by rigidity, resting tremor and bradykinesia. Typically, the genes that are upregulated in PD play a role in processes involving the cell cycle, transcription, cell adhesion, extracellular matrix components, protein metabolism, inflammation/cell stress and protein modification. This suggests that TEX264 may participate in one of these biological processes.

REFERENCES

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CHROMOSOMAL LOCATION

Genetic locus: TEX264 (human) mapping to 3p21.2.

SOURCE

TEX264 (137.1) is a mouse monoclonal antibody raised against recombinant TEX264 of human origin.

PRODUCT

Each vial contains 50 µg IgG_{2b} kappa light chain in 0.5 ml of PBS with < 0.1% sodium azide and 0.1% gelatin.

STORAGE

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

PROTOCOLS

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

APPLICATIONS

TEX264 (137.1) is recommended for detection of TEX264 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)] and solid phase ELISA (starting dilution 1:30, dilution range 1:30-1:3000).

Suitable for use as control antibody for TEX264 siRNA (h): sc-78167, TEX264 shRNA Plasmid (h): sc-78167-SH and TEX264 shRNA (h) Lentiviral Particles: sc-78167-V.

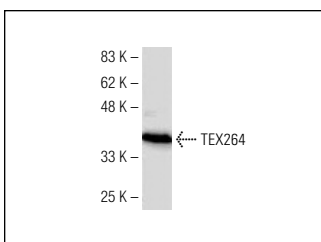
Molecular Weight of TEX264: 34 kDa.

Positive Controls: Jurkat whole cell lysate: sc-2204.

RECOMMENDED SUPPORT REAGENTS

To ensure optimal results, the following support reagents are recommended: 1) Western Blotting: use m-IgGκ BP-HRP: sc-516102 or m-IgGκ BP-HRP (Cruz Marker): sc-516102-CM (dilution range: 1:1000-1:10000), Cruz Marker™ Molecular Weight Standards: sc-2035, TBS Blotto A Blocking Reagent: sc-2333 and Western Blotting Luminol Reagent: sc-2048. 2) Immunoprecipitation: use Protein A/G PLUS-Agarose: sc-2003 (0.5 ml agarose/2.0 ml).

DATA



TEX264 (137.1): sc-100944. Western blot analysis of TEX264 expression in Jurkat whole cell lysate.

RESEARCH USE

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