

DOM3Z (h3): 293T Lysate: sc-173189

BACKGROUND

DOM3Z (DOM-3 homolog Z), also known as NG6 or DOM3L, is a 396 amino acid ubiquitously expressed protein belonging to the DOM3Z family. The gene encoding DOM3Z maps to human chromosome 6 in the major histocompatibility complex (MHC) class III region. Chromosome 6 contains 170 million base pairs and comprises nearly 6% of the human genome. Deletion of a portion of the q arm of chromosome 6 is associated with early onset intestinal cancer, suggesting the presence of a cancer susceptibility locus. Additionally, Porphyria cutanea tarda, Parkinson's disease and Stickler syndrome are all associated with genes that map to chromosome 6.

REFERENCES

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CHROMOSOMAL LOCATION

Genetic locus: DXO (human) mapping to 6p21.33.

PRODUCT

DOM3Z (h3): 293T Lysate represents a lysate of human DOM3Z transfected 293T cells and is provided as 100 µg protein in 200 µl SDS-PAGE buffer.

APPLICATIONS

DOM3Z (h3): 293T Lysate is suitable as a Western Blotting positive control for human reactive DOM3Z antibodies. Recommended use: 10-20 µl per lane.

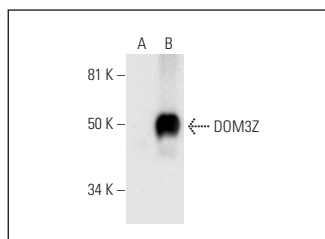
Control 293T Lysate: sc-117752 is available as a Western Blotting negative control lysate derived from non-transfected 293T cells.

DOM3Z (B-12): sc-393141 is recommended as a positive control antibody for Western Blot analysis of enhanced human DOM3Z expression in DOM3Z transfected 293T cells (starting dilution 1:100, dilution range 1:100-1:1,000).

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, UltraCruz® Blocking Reagent: sc-516214 and Western Blotting Luminol Reagent: sc-2048.

DATA



DOM3Z (B-12): sc-393141. Western blot analysis of DOM3Z expression in non-transfected: sc-117752 (A) and human DOM3Z transfected: sc-173189 (B) 293T whole cell lysates.

STORAGE

Store at -20° C. Repeated freezing and thawing should be minimized. Sample vial should be boiled once prior to use. 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 for detailed protocols and support products.