

CTXL (h): 293T Lysate: sc-170295

BACKGROUND

CTXL, also known as CTH (cortical thymocyte-like protein) or VSIG2 (V-set and immunoglobulin domain-containing protein 2), is a 327 amino acid single-pass type-I membrane protein that exists as two alternatively spliced isoforms, and contains one Ig-like C2-type (immunoglobulin-like) domain and one Ig-like V-type (immunoglobulin-like) domain. While highly expressed in stomach, colon, prostate, trachea and thyroid glands, CTXL is weakly expressed in bladder and lung. The gene that encodes CTXL consists of approximately 4,767 bases and maps to human chromosome 11q24.2. Chromosome 11 houses over 1,400 genes and comprises nearly 4% of the human genome. Jervell and Lange-Nielsen syndrome, Jacobsen syndrome, Niemann-Pick disease, hereditary angioedema and Smith-Lemli-Opitz syndrome are associated with defects in genes that map to chromosome 11.

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CHROMOSOMAL LOCATION

Genetic locus: VSIG2 (human) mapping to 11q24.2.

PRODUCT

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

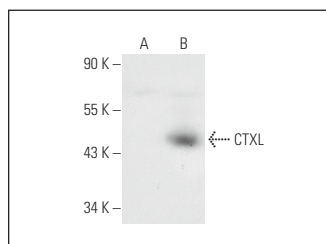
APPLICATIONS

CTXL (h): 293T Lysate is suitable as a Western Blotting positive control for human reactive CTXL 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.

CTXL (ICO-44): sc-52391 is recommended as a positive control antibody for Western Blot analysis of enhanced human CTXL expression in CTXL transfected 293T cells (starting dilution 1:100, dilution range 1:100-1:1,000).

DATA



CTXL (ICO-44): sc-52391. Western blot analysis of CTXL expression in non-transfected: sc-117752 (A) and human CTXL transfected: sc-170295 (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.