



IGF2BP2 (h2): 293T Lysate: sc-174608

BACKGROUND

IGF2BP2 (Insulin-like growth factor 2 mRNA binding protein 2) is also known as IGF2 mRNA-binding protein 2, IMP-2 (IGF-II mRNA-binding protein 2), VICKZ family member 2 or hepatocellular carcinoma autoantigen p62 and is a 556 amino acid protein. IGF2BP2 is expressed in a variety of tissues including heart, placenta, skeletal muscle, pancreas, fetal liver, lung, kidney, thymus and gonadal cells. IGF2BP2 is an RNA binding protein which may be involved in the regulation of mRNA translation and may also function to control the spatial localization of target mRNAs. Antibodies against IGF2BP2 have been detected in patients with HCC (hepatocellular carcinoma), suggesting that IGF2BP2 may have a role in the pathogenesis of HCC. Defects in IGF2BP2 are thought to be associated with susceptibility to type 2 diabetes mellitus.

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CHROMOSOMAL LOCATION

Genetic locus: IGF2BP2 (human) mapping to 3q27.2.

PRODUCT

IGF2BP2 (h2): 293T Lysate represents a lysate of human IGF2BP2 transfected 293T cells and is provided as 100 µg protein in 200 µl SDS-PAGE buffer.

APPLICATIONS

IGF2BP2 (h2): 293T Lysate is suitable as a Western Blotting positive control for human reactive IGF2BP2 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.

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.