OKL38 (D-19): sc-82001

BACKGROUND

OKL38 (ovary, kidney and liver protein 38), also known as OSGIN1 (oxidative stress-induced growth inhibitor 1) or BDGI, is a 560 amino acid protein that is expressed ubiquitously, with highest levels in kidney, liver and ovary tissue. Existing as three alternatively spliced isoforms, OKL38 functions to regulate the differentiation and proliferation of cells, specifically by regulating apoptosis and cell death. Loss of OKL38 activity leads to a disruption in the balance between cell growth, cell proliferation and cell death, and is associated with rapid tumor growth and metastasis. The gene encoding OKL38 maps to human chromosome 16, which houses over 900 genes and comprises nearly 3% of the human genome.

REFERENCES


CHROMOSOMAL LOCATION

Genetic locus: OSGIN1 (human) mapping to 16q23.3; Osgin1 (mouse) mapping to 8 E1.

SOURCE

OKL38 (D-19) is an affinity purified goat polyclonal antibody raised against a peptide mapping within an internal region of OKL38 of human origin.

PRODUCT

Each vial contains 200 µg IgG in 1.0 ml of PBS with < 0.1% sodium azide and 0.1% gelatin. Blocking peptide available for competition studies, sc-82001 P (100 µg peptide in 0.5 ml PBS containing < 0.1% sodium azide and 0.2% BSA).

STORAGE

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