

EVT-2 (m): 293T Lysate: sc-120138

BACKGROUND

EVT-2 (evectin-2), also known as PLEKHB2 (pleckstrin homology domain-containing family B member 2), is a 222 amino acid peripheral membrane protein that is potentially coupled to signal transduction pathways that result in lipid second messenger production. EVT-2 is closely related to PHR1, in that it carries a pleckstrin homology domain at its N-terminus and is inserted into membranes through a hydrophobic anchor at its C-terminus. However PHR1 is specifically expressed in photoreceptors and myelinating glia, whereas EVT-2 is widely expressed in neural and non-neural tissues alike. The gene encoding EVT-2 maps to human chromosome 2q21.1, which houses over 1,400 genes and comprises nearly 8% of the human genome. There are three isoforms of EVT-2 that are produced as a result of alternative splicing events.

REFERENCES

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CHROMOSOMAL LOCATION

Genetic locus: *Plekhhb2* (mouse) mapping to 1 B.

PRODUCT

EVT-2 (m): 293T Lysate represents a lysate of mouse EVT-2 transfected 293T cells and is provided as 100 µg protein in 200 µl SDS-PAGE buffer.

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.

APPLICATIONS

EVT-2 (m): 293T Lysate is suitable as a Western Blotting positive control for mouse reactive EVT-2 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.

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.