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MPP2 (h2): 293T Lysate: sc-172306

BACKGROUND

The MAGUK (membrane-associated guanylate kinase homologs) family of proteins contain multiple protein-binding domains and are involved in cell junction organization, tumor suppression and signaling. The MAGUK family is divided into four subfamilies: DLG-like, ZO1-like, p55-like and LIN2-like. MPP2 (membrane protein, palmitoylated 2), also known as MAGUK p55 subfamily member 2, discs large homolog 2 or DLG2, is a 576 amino acid protein belonging to the MAGUK family that exists as 3 alternatively spliced isoforms. MPP2 contains one guanylate kinase-like domain, a PDZ (DHR) domain, two L27 domains and a single SH3 domain. The gene encoding MPP2 maps to the same segment of human chromosome 17 as MPP3, with whom MPP2 likely shares similar function and common structural organization.

REFERENCES

1. Mazoyer, S., Gayther, S.A., Nagai, M.A., Smith, S.A., Dunning, A., van Rensburg, E.J., Albertsen, H., White, R. and Ponder, B.A. 1995. A gene (DLG2) located at 17q12-q21 encodes a new homologue of the *Drosophila* tumor suppressor dlg-A. *Genomics* 28: 25-31.
2. Smith, S.A., Holik, P., Stevens, J., Mazoyer, S., Melis, R., Williams, B., White, R. and Albertsen, H. 1996. Isolation of a gene (DLG3) encoding a second member of the discs-large family on chromosome 17q12-q21. *Genomics* 31: 145-150.
3. Katoh, M. and Katoh, M. 2004. Identification and characterization of human MPP7 gene and mouse Mpp7 gene in silico. *Int. J. Mol. Med.* 13: 333-338.
4. Godreau, D., Neyroud, N., Vranckx, R. and Hatem, S. 2004. MAGUKs: beyond ionic channel anchoring. *Med. Sci.* 20: 84-88.
5. Online Mendelian Inheritance in Man, OMIM™. 2007. Johns Hopkins University, Baltimore, MD. MIM Number: 600723. World Wide Web URL: <http://www.ncbi.nlm.nih.gov/omim/>
6. Baumgartner, M., Weiss, A., Fritzius, T., Heinrich, J. and Moelling, K. 2009. The PDZ protein MPP2 interacts with c-Src in epithelial cells. *Exp. Cell Res.* 315: 2888-2898.

CHROMOSOMAL LOCATION

Genetic locus: MPP2 (human) mapping to 17q21.31.

PRODUCT

MPP2 (h2): 293T Lysate represents a lysate of human MPP2 transfected 293T cells and is provided as 100 µg protein in 200 µl SDS-PAGE buffer.

APPLICATIONS

MPP2 (h2): 293T Lysate is suitable as a Western Blotting positive control for human reactive MPP2 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.