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SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 



DDA3 (m): 293T Lysate: sc-119695

BACKGROUND

DDA3, also known as PSRC1 (proline/serine-rich coiled-coil 1) or FP3214, is a 363 amino acid microtubule-associated cytoplasmic oncoprotein involved in p53-regulated growth suppression. DDA3 regulates the mitotic spindle, thereby controlling chromosome segregation and congression. Existing as four alternatively spliced isoforms designated isoform A, B, C and D, DDA3 is widely expressed but found at highest levels in fetal thymus and adult brain. DDA3 interacts with APC2 (adenomatous polyposis coli protein 2) as well as 53BP2 (tumor suppressor p53-binding protein 2), a p53 binding protein whose apoptotic signaling is inhibited by DDA3. The gene encoding DDA3 maps to human chromosome 1p13.3 and mouse chromosome 3 F3.

REFERENCES

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CHROMOSOMAL LOCATION

Genetic locus: Psrc1 (mouse) mapping to 3 F3.

PRODUCT

DDA3 (m): 293T Lysate represents a lysate of mouse DDA3 transfected 293T cells and is provided as 100 µg protein in 200 µl SDS-PAGE buffer.

APPLICATIONS

DDA3 (m): 293T Lysate is suitable as a Western Blotting positive control for mouse reactive DDA3 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.