

SIMPLE WESTERN CERTIFIED ANTIBODY DATASHEET

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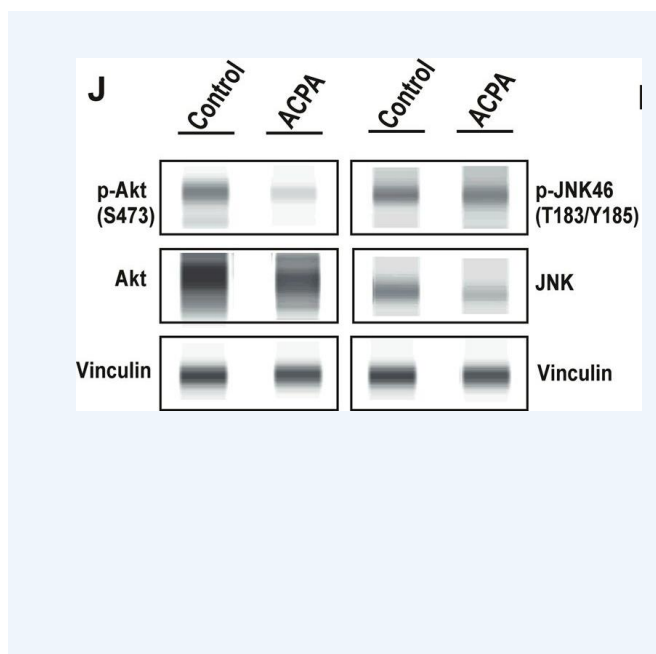


Figure: ACPA inhibits p-Akt, induces p-JNK and affects levels of specific metabolites in NSCLC lines. Simple Western showing total Akt, p-Akt (S473), total JNK46 and JNK54 and p-JNK46 and p-JNK54 (T183/Y185) in A549 cells at 24 hours after treatment with IC50 dose of ACPA. k Relative expression levels of Akt and p-Akt for control and ACPA-treated A549 cells after normalization by total vinculin protein. l Relative expression levels of JNK (46 and 54 kDa) and p-JNK for control and ACPA-treated A549 cells after normalization by total vinculin protein. *p < 0.05, Student's t-test. All tests were done in quadruplicates.

PROTEIN TARGET/ANTIBODY	
Protein Target	Akt
Protein Isoform	Unmodified
Antibody Type	Primary
Host Species/Clonality	Mouse Monoclonal
ASSAY	
Sample Type	A-549
Sample Concentration	Not_ Stated
Antibody Concentration/Dilution	Not_ Stated
Antibody Diluent	
Detection Mode	Chemiluminescence
Separation Type	Size
Matrix	12-230kDa
Observed kDa	Not_ Stated

*Image collected and cropped by CiteAb from the following publication <https://onlinelibrary.wiley.com/doi/abs/10.1096/fba.2019-00081> licensed under a CC-BY license

PUBLICATIONS

1. Boyacioğlu, Ö., Bilgiç, E., et al. ACPA decreases non-small cell lung cancer line growth through Akt/PI3K and JNK pathways in vitro. Cell Death Dis. 2021 Jan 11;12(1):56. 10.1038/S41419-020-03274-3. PMID:33431819.
- 2.
- 3.
- 4.
- 5.
- 6.

This antibody is validated for Gel-Free, Blot Free, Hands Free Simple Western Systems. To learn about Simple Western Systems, available Simple Western antibodies, or new antibody submissions visit the links below. For additional information, please contact support@proteinsimple.com.

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PAGE 2/2

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