A549 cell lysate

A549

CATALOG #	HOST	APPLICATIONS
AAA48306	**Human**	**Western Blot**

PRODUCT SYNONYMS

A549; A549 cell lysate

PRODUCT SPECIFICATIONS

Host	Human
Form/Format	Liquid; In SDS-PAGE Sample Buffer (0.12M Tris-HCl pH6.8, 0.4% SDS, 5% Glycerol, 1% beta-mercaptoethanol, 0.02% Bromophenol blue).
Concentration	2mg/ml (determined by BCA assay) (varies by lot)
Applicable Applications for A549 cell lysate	WB (Western Blot)
Quality Control	Western Blot analyzed by both GAPDH and Beta tubulin antibody .
Preparation Before Usage	Heat lysate to 95 degrees C for 5 minutes and rapidly cooling before use.
Preparation and Storage	Aliquot the lysate into single tube and then storing them -80 degree C or below. Avoid repeated freezing and thawing cycles.

IMAGES

WB (Western Blot)
All lanes: A549 Whole Cell Lysate (40ug);Lane 1.: Anti-GAPDH antibody ;Lane 2.: Anti-Beta tubulin antibody

ADDITIONAL INFORMATION

Related Product Information for A549 cell lysate	A549 cells are adenocarcinomic human alveolar basal epithelial cells. The A549 cell line was initiated from the removal and culturing of cancerous lung tissue in the explanted tumor from 58-year-old male, in 1972. A549 cells is able to synthesize lecithin and contain high level of unsaturated fatty acids, which are important to maintain the membrane phospholipids in cells. A549 cell line are widely used as an in vitro model for a type II pulmonary epithelial cell model for drug metabolism and as a transfection host.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/human-cell-lysate/a549/48306