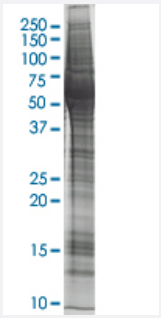
AXL HEK293 Cell Transient Overexpression Lysate(Non-Denatured)

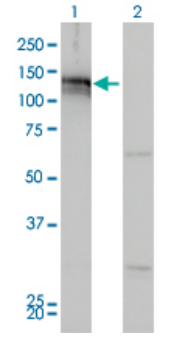
Catalog # L029T6 Size 100 ug

Applications



SDS-PAGE Gel

AXL transfected lysate



Western Blot

Lane 1: AXL transfected lysate (98 KDa).
Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	HEK293
Plasmid	pCMV-AXL full length
Host	Human
Theoretical MW (kDa)	98
Lysis Buffer	Modified RIPA Lysis Buffer:50 mM Tris-HCl pH 7.4, 150 mM NaCl, 1mM EDTA, 1% Triton X-100, 0. 1% SDS, 1% Sodium deoxycholate, 1mM PMSF.
Concentration	2 mg/ml

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Quality Control Testing	Transient overexpression cell lysate was tested with Anti-AXL antibody (H00000558-M01) by Western Blots. SDS-PAGE Gel AXL transfected lysate Western Blot Lane 1: AXL transfected lysate (98 KDa). Lane 2: Non-transfected lysate.
Recommend Usage	Use it directly for immuno-precipitation, or heat lysate with SDS gel loading buffer to 95°C for 5 minutes followed by rapid cooling for western blot application. If dissociating conditions are required, add reducing agent prior to heating.
Storage Buffer	In modified RIPA Lysis Buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot
- Immunoprecipitation

  Protocol Download

Gene Info — AXL

Entrez GeneID	558
GeneBank Accession#	BC032229
Protein Accession#	AAH32229
Gene Name	AXL
Gene Alias	JTK11, UFO
Gene Description	AXL receptor tyrosine kinase
Omim ID	109135
Gene Ontology	Hyperlink

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Gene Summary	The protein encoded by this gene is a member of the receptor tyrosine kinase subfamily. Although it is similar to other receptor tyrosine kinases, this protein represents a unique structure of the extr acellular region that juxtaposes IgL and FNIII repeats. It transduces signals from the extracellular m atrix into the cytoplasm by binding growth factors like vitamin K-dependent protein growth-arrest-s pecific gene 6. It is involved in the stimulation of cell proliferation and can also mediate cell aggre gation by homophilic binding. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq
Other Designations	AXL transforming sequence/gene|oncogene AXL

Disease

- Cardiovascular Diseases
- Carotid Artery Diseases
- Diabetes Mellitus
- Edema
- Genetic Predisposition to Disease
- Stroke

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