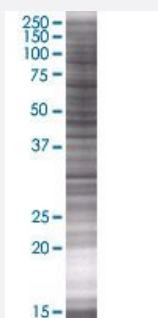


APPL 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00026060-T01

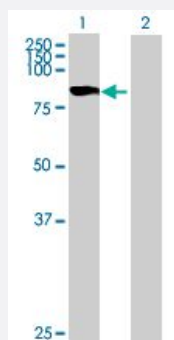
Size 100 uL

Applications



SDS-PAGE Gel

APPL1 transfected lysate.



Western Blot

Lane 1: APPL1 transfected lysate (79.7 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-APPL full-length

Host Human

Theoretical MW (kDa) 79.7

Interspecies Antigen Sequence Mouse (93)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-APPL antibody ([H00026060-B01](#)) by Western Blots.
SDS-PAGE Gel
APPL1 transfected lysate.
Western Blot
Lane 1: APPL1 transfected lysate (79.7 KDa)
Lane 2: Non-transfected lysate.

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — APPL1

Entrez GeneID

[26060](#)

GeneBank Accession#

[NM_012096](#)

Protein Accession#

[NP_036228](#)

Gene Name

APPL1

Gene Alias

APPL, DIP13alpha

Gene Description

adaptor protein, phosphotyrosine interaction, PH domain and leucine zipper containing 1

Omim ID

[604299](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

The protein encoded by this gene has been shown to be involved in the regulation of cell proliferation, and in the crosstalk between the adiponectin signalling and insulin signalling pathways. The encoded protein binds many other proteins, including RAB5A, DCC, AKT2, PIK3CA, adiponectin receptors, and proteins of the NuRD/MeCP1 complex. This protein is found associated with endosomal membranes, but can be released by EGF and translocated to the nucleus. [provided by RefSeq]

Other Designations

AKT2 interactor|adaptor protein containing pH domain, PTB domain and leucine zipper motif 1|signaling adaptor protein DIP13alpha

Pathway

- [Colorectal cancer](#)
- [Pathways in cancer](#)

Disease

- [Diabetes Mellitus](#)
- [Dyslipidemias](#)
- [Inflammation](#)
- [Insulin Resistance](#)
- [Prediabetic State](#)