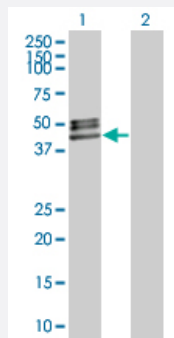


ACPP 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00000055-T01

Size 100 uL

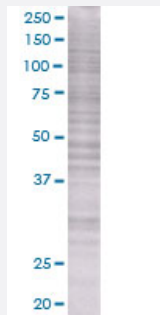
Applications



Western Blot

Lane 1: ACPP transfected lysate (44.6 KDa)

Lane 2: Non-transfected lysate.



SDS-PAGE Gel

ACPP transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-ACPP full-length
Host	Human
Theoretical MW (kDa)	42.57
Interspecies Antigen Sequence	Mouse (82); Rat (81)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-ACPP antibody ([H00000055-B01](#)) by Western Blots.

Western Blot

Lane 1: ACPP transfected lysate (44.6 KDa)

Lane 2: Non-transfected lysate.

SDS-PAGE Gel

ACPP 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 — ACPP

Entrez GeneID

[55](#)

GeneBank Accession#

[NM_001099](#)

Protein Accession#

[NP_001090](#)

Gene Name

ACPP

Gene Alias

ACP-3, ACP3, PAP

Gene Description

acid phosphatase, prostate

Omim ID

[171790](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

This gene encodes an enzyme that catalyzes the conversion of orthophosphoric monoester to alcohol and orthophosphate. It is synthesized under androgen regulation and is secreted by the epithelial cells of the prostate gland. An alternatively spliced transcript variant encoding a longer isoform has been found for this gene. This isoform contains a transmembrane domain and is localized in the plasma membrane-endosomal-lysosomal pathway. [provided by RefSeq]

Other Designations

prostatic acid phosphatase

Pathway

- [gamma-Hexachlorocyclohexane degradation](#)
- [Riboflavin metabolism](#)

Disease

- [Tobacco Use Disorder](#)