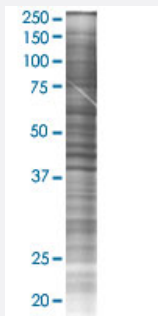


CAPZA3 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00093661-T02

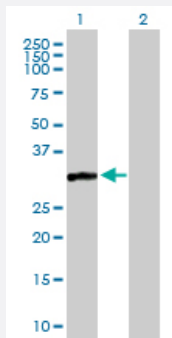
Size 100 uL

Applications



SDS-PAGE Gel

CAPZA3 transfected lysate.



Western Blot

Lane 1: CAPZA3 transfected lysate (35.10 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-CAPZA3 full-length
Host	Human
Theoretical MW (kDa)	35.1
Interspecies Antigen Sequence	Mouse (90); Rat (89)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-CAPZA3 antibody ([H00093661-B01P](#)) by Western Blots.
SDS-PAGE Gel
CAPZA3 transfected lysate.
Western Blot
Lane 1: CAPZA3 transfected lysate (35.10 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 — CAPZA3

Entrez GeneID[93661](#)**GeneBank Accession#**[BC016745.2](#)**Protein Accession#**[AAH16745.1](#)**Gene Name**

CAPZA3

Gene Alias

CAPPA3, Gsg3

Gene Description

capping protein (actin filament) muscle Z-line, alpha 3

Omim ID[608722](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene encodes an actin capping protein, one of the F-actin capping protein alpha subunit family. The encoded protein is predominantly localized to the neck region of ejaculated sperm, other immunohistochemical signals were found in the tail and postacrosomal regions. The encoded protein may also form heterodimers of alpha and beta subunits. This protein may be important in determining sperm architecture and male fertility. [provided by RefSeq]

Other Designations

CapZ alpha-3|F-actin capping protein alpha-3 subunit|capping protein alpha 3

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)