

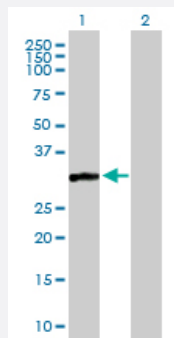
MaxPab®

CAPZA3 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00093661-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of CAPZA3 expression in transfected 293T cell line ([H00093661-T02](#)) by CAPZA3 MaxPab polyclonal antibody.

Lane 1: CAPZA3 transfected lysate (32.89 kDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human CAPZA3 protein.
Immunogen	CAPZA3 (AAH16745.1, 1 a.a. ~ 299 a.a) full-length human protein.
Sequence	MTLSVLSRKDKERVIRRLLLQAPPGEFVNAFDDLCLLIRDEKLMHHQGECAGHQHCQKYSVPLCI DGNPVLSSHNVMGDYRFFDHQSKLSFKYLLQNQLKDIQSHGIIQNEAEYLRVVLLCALKLYVND HYPKGNCNMLRKT VKSKEYLIACIEDHNYETGECWNGLWWSKWIFQVNPFLTQVTGRIFVQAHFFR CVNLHIEISKDLKESLEIVNQAQLALS FARLVEEQENKFQAAVLEELQELSNEALRKILRRDLPVTR TLIDWHRILSDLNLVMPKLGVIYSRSVLCNWII
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (90); Rat (89)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

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](#)