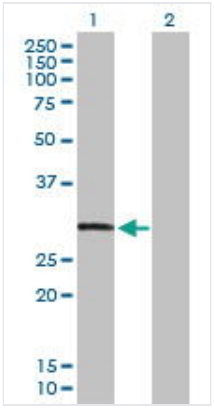
CAPZA3 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	CAPZA3, Polyclonal Antibody
Full Product Name	CAPZA3 (F-actin-capping Protein Subunit alpha-3, CapZ alpha-3, CP-alpha-3, Germ Cell-specific Protein 3, CAPAA3, GSG3) (HRP)
Product Gene Name	anti-CAPZA3 antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Horseradish Peroxidase (HRP).
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human CAPZA3.
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and stor maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
Immunogen	Full length human CAPZA3, aa1-299 (AAH16745.1).
Immunogen Sequence	MTLSVLSRKDKERVIRRLLLQAPPGEFVNAFDDLCLLIRDEKLMHHQGECAGHQHCQKYSVPLCIDGNPVLLSHHNVMGDYRFFDHQSKLSFKYYLLQNQ
Conjugate	HRP
Note	Preservative Free
Product Categories/Family for anti-CAPZA3 antibody	Antibodies; Actin
Applications Tested/Suitable for anti-CAPZA3 antibody	Western Blot (WB)
Application Notes for anti-CAPZA3 antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-CAPZA3 antibody	F-actin-capping proteins bind in a Ca2+-independent manner to the fast growing ends of actin filaments (barbed end) thereby blocking the exchange of
Other Notes	Small volumes of anti-CAPZA3 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If nece
Searchable Terms for CAPZA3 purchase	MBS6372238 is an antibody targeting CAPZA3. Also known as CAPZA3 (F-actin-capping Protein Subunit alpha-3, CapZ alpha-3, CP-alpha-3, Germ C



Western Blot (WB) of anti-CAPZA3 antibody
Western Blot analysis of CAPZA3 expression in transfected 293T cell line by CAPZA3 polyclonal antibody. Lane 1: CAPZA3 transfected lysate (35.1kD). Lane 2: Non-transfected lysate.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CAPZA3. It may not necessarily be applicable to this product.

NCBI GI #	34190898
NCBI GeneID	93661
NCBI Accession #	BC016745.2
NCBI Related Accession #	AAH16745.1
UniProt Related Accession #	Q96KX2
NCBI Official Full Name	Homo sapiens capping protein (actin filament) muscle Z-line, alpha 3, mRNA
NCBI Official Synonym Full Names	capping actin protein of muscle Z-line subunit alpha 3
NCBI Official Symbol	CAPZA3
NCBI Official Synonym Symbols	Gsg3; CAPPA3; HEL-S-86
Protein Family	F-actin-capping protein
NCBI Protein Information	F-actin-capping protein subunit alpha-3
NCBI Summary for CAPZA3	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, Jul 2008]
Research Articles on CAPZA3	**1.** Observational study of gene-disease association, gene-environment interaction, and pharmacogenomic / toxicogenomic. (HuGE Navigator)
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