



Anti-CAPZA3 (aa 200-299) polyclonal antibody (DPAB-DC3793)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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.
Immunogen	CAPZA3 (NP_201585, 200 a.a. ~ 299 a.a) partial recombinant protein with GST tag. The sequence is NLHIEISKDLKESLEIVNQAQLALSFARLVEEQENKFQAAVLEELQELSNEALRKILRRD LPVTRTLIDWHRILSDLNLVMYPKLGVIYSRSVLCNWII
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	CAPZA3 capping protein (actin filament) muscle Z-line, alpha 3 [Homo sapiens (human)]
Official Symbol	CAPZA3
Synonyms	CAPZA3; capping protein (actin filament) muscle Z-line, alpha 3; Gsg3; CAPPA3; F-actin-capping protein subunit alpha-3; CP-alpha-3; CapZ alpha-3; germ cell-specific protein 3; F-actin capping protein alpha-3 subunit;
Entrez Gene ID	93661
Protein Refseq	NP_201585
UniProt ID	Q96KX2
Chromosome Location	12p12.3
Function	actin binding;